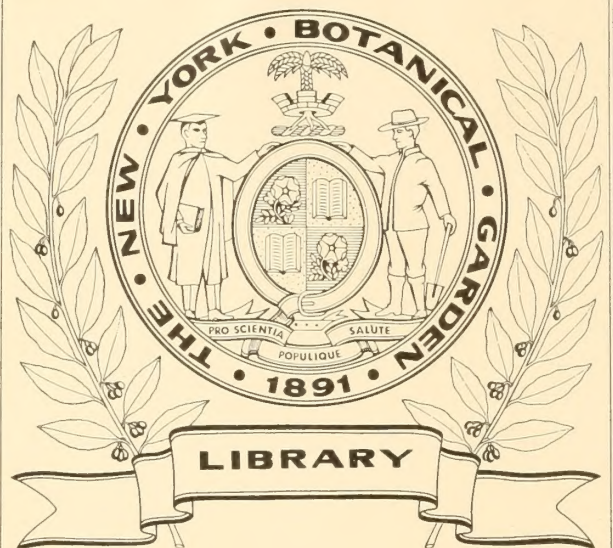


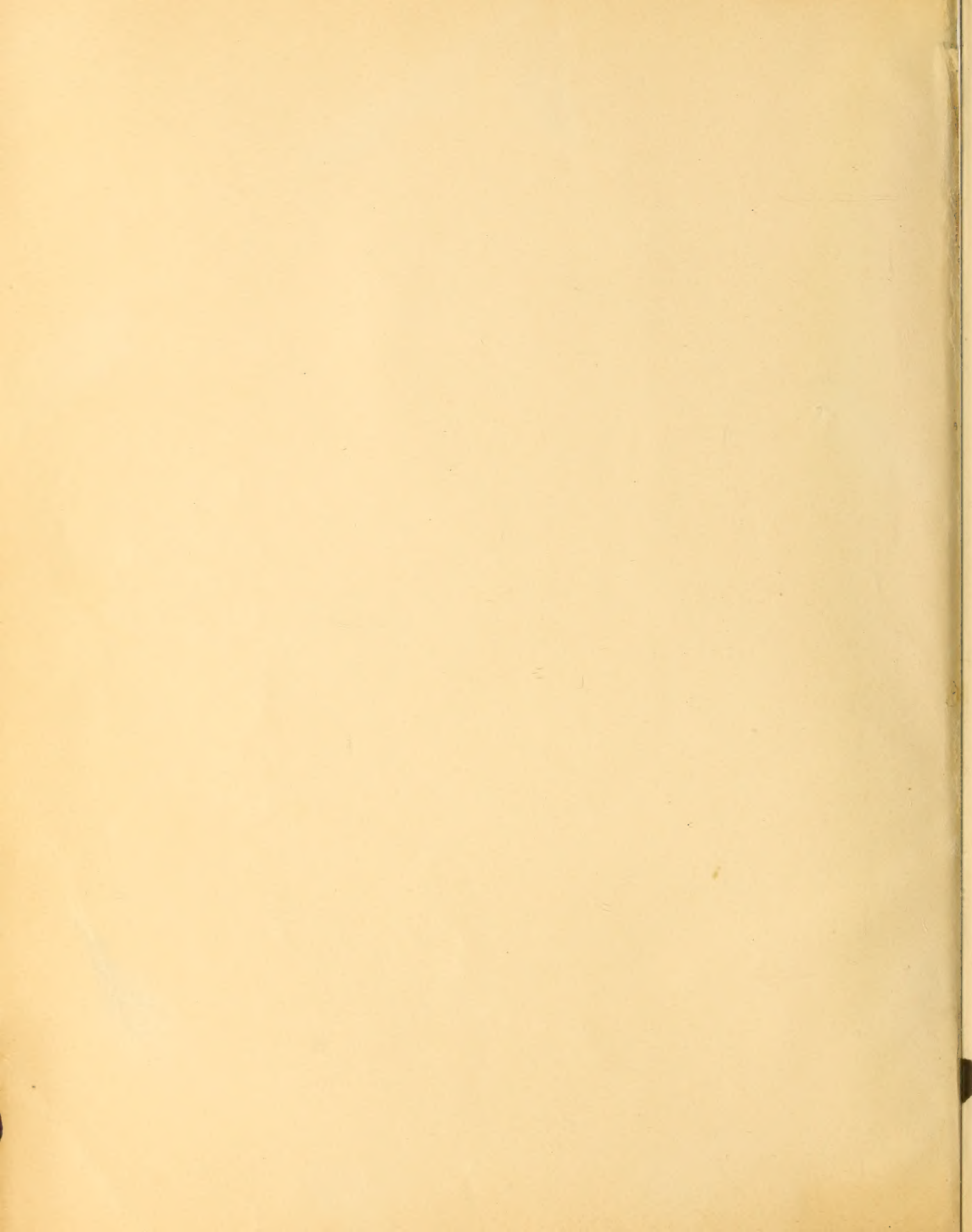


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BACILLARIS, E.-Abh. Ber. 1843p. 253; Prit. p. 374: R. E. D. p. III:-(A. bacill.)

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BACILLARIA, Grun. -Mik., Cl. 1830p. 21: Det. Syll. p. 431: *Cl. Nav. 2 p. 187-3f4*

(Dimeregramma; -Ooontidium: Rhaphoneis. H. Pant. 2p. -13f104.)

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(Achnanthidium flexellum: Coccoeosis Tlawaitesii.)

BENGALENSIS, Grun.-Cl. 1830p. 13: Vega p. 504: Det. Syll. p. 471:

(A. ventricosa; ...) *Cl. Nav. 2 p. 189* (*A. ventricosa*)

var. subventricosa, Grun.-Cl. 1830p. 18: Det. Syll. p. 471:

BIASSOLETTIANA, K. & Grun., Cl. 1830p. 22: 1831p. 10: V. 1. S. p. 130-27f27, 28:

Det. Syll. p. 432: -Herib. p. 48: *Cl. Nav. 2 p. 189*

(A. ventricosa, var., & linearis; -Achnanthidium lora; -Synedra.)

var. perminuta, H. V. H. -T. No. 237; Det. Syll. p. 432;

var. sublinearis, Grun.-V. 1. 1. sub No. II: Det. Syll. p. 432; *Cl. Nav. 2 p. 189*;

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BIMODIS, E.-Mik. p. 1. 34, 5B, 1f1, 2:-(A. & Achnanthidium *coarctata*.)

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? " *var. marginata*, Cl. Nov. 2p. 193: - (*A. subsess. v.*)
? " *var. subcrenata*, Cl. Nov. 2p. 193: - (*A. subsess. v. p.*) Oestr. 1897 p. 329:
? " *var. intermedia*, K. - Cl. Nov. 2p. 193: - (*A. int. + subsess. p. p.*) Oestr. 1897 p. 329:
? " *var. seriata*, Ag. - Cl. Nov. 2p. 194: - (*Gymboina* Ag.; - *A. Ser. var. g.* - *A. subsess. v. Enem.*)
? " *var. angustata*, Gr. - Cl. Nov. 2p. 194: - (*Ach. ang. + pennata*).
? " *var. pennatiformis*, Gr. - Cl. Nov. 2p. 194: - (*A. penn.*)
? " *var. Indica*, Br. - Cl. Nov. 2p. 194: - (*A. Ind.*)
" var., Oestrup, 1897 p. 329-2 f 8, 13:
* " " *incurvata*, Oestrup Mar. D. pl. 3 f 1: 1897 p. 329: (*A. subsess. v. incurv.*) -
" " *linearis*, Oestrup 1897 p. 330 - 2 f 9:
+ *Clevei*, Petit Cap Horn: -
+ *coarctata*, Herib. p. 47: - Cl. Nov. 2p. 192:

- + *Danica*, - See *A. Lindugeri*
" *var. major*, Cl. Nov. 2p. 196:
" *var. maxima*, Cl. - Atlas 198 f 60, 61

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Pant. 21. 1884; Gr. 1330p. 19: Det. Syll. 1. 475: Cl. 1861 1861.
 (A. longipes, macropus, multia, subaequalis, reticulata & ventricosa, K.: -Ceramium ventricosum: -Helinella stictica.)
 " var. "a" marina, K.-Syn. 1. 46; K.S.A. 1. 56:
 " var. salina, Rabh. Bac. Exs. No. 16: - (Var. salinarum.)
 " var. "b" salinarum, Ag.-Cons. p. 59; K.S.A. 1. 47f57; K. Alg. 77, 13; R.E.D. 1. III: R.D. Ex. No. 7: Gr. 1330p. 19: Det. Syll. 1. 475: Cl. 1861 1861.
 " var. "c" fragiliformis, K.-Syn. 1. 47f53; Gr. 1330p. 19: Det. Syll. 1. 475: Cl. 1861 1861.
 " var. Capensis, Gr. 1330p. 19: Det. Syll. 1. 475: - (A. Capensis.) Cl. 1861 1861.
 " var. contracta, Gr. 1330p. 19: Det. Syll. 1. 475: Cl. 1861 1861.
 " var. contracta, Gr. 1330p. 19: Det. Syll. 1. 475: Cl. 1861 1861.

CALCAR, Cleve, 1391p. 51-518, 9: Nav. 2p. 1861.

CAMPYLOPUS, Mont. An. Sci. Nat. 1. 135; Det. Syll. 1. 437:

CAPENSIS, K.B. 1. 73-211; K.S.A. 1. 55: Pit. 1. 374: - (A. capensis, var. int.)

" var. "b" multia, K.B. 1. 73; K.S.A. 1. 55: R.E.D. 1. 112: Cl. 1861 1861.

CARMICHAELII, Greville. - Brit. Flor. Vol. 21. 404; Mar. Nat. 1. 200; K.B. 1. 77-2012; K.S.A. 1. 56; - (A. longipes & macropus.)

" CLEVEI, Gr. 1330p. 19; V.H.S. 1. 27f5-7; Det. Syll. 1. 475: Cl. 1861 1861.

" var. longipes, Gr. 1330p. 19; V.H.S. 1. 27f5-7; Det. Syll. 1. 475: Cl. 1861 1861.

" var. longipes, Gr. 1330p. 19; V.H.S. 1. 27f5-7; Det. Syll. 1. 475: Cl. 1861 1861.

" var. longipes, Gr. 1330p. 19; V.H.S. 1. 27f5-7; Det. Syll. 1. 475: Cl. 1861 1861.

" var. lineata, Gr. 1330p. 19; V.H.S. 1. 27f5-7; Det. Syll. 1. 475: Cl. 1861 1861.

COSTATA, Greville. - Trans. Bot. S. Edinb. 13. 61. 453-3f3-10;

Cl. 1861 1861; Det. Syll. 1. 470:

CONTRACTA, Schumann. - Det. Syll. 1. 477: - (Achnanthidium.)

COSTATUS, Johnston. - Q. J. M. S. 1330p. 20-1114:

(Entopyla Australis; - Gephyria incurvata.)

CREMULATA, Gr. 1330p. 20: LeD. 21. 50-913, 4; Det. Syll. 1. 475: Cl. 1861 1861.

CRISTATA, Rabh. S. D. 1. 23-3f7: Pit. 1. 374; R.E.D. 1. 110: Ital. 1. 110:

Det. Syll. 1. 437:

CRYPTOCEPHALA, Napoli. - (A. mirabilissima, v. - A. delicat.: - Achnanthidium.)

CUNEATA, Gr. 1330p. 19; Det. Syll. 1. 475: - (A. cuneata, var. fl., neuv. var.)

CURVATA, Form. Cap. 1. 13-143; Det. Syll. 1. 475: Cl. 1861 1861.

DANICA, Flagey. - Cl. 1861 1861; Gr. 1330p. 19; Det. Syll. 1. 475: Cl. 1861 1861.

" var. flageyi, Gr. 1330p. 19; Det. Syll. 1. 475: Cl. 1861 1861.

" (A. heteropsis; - Cocconeis; - Nav. flageyi; - Stauroneis contracta.)

DELICATULA, K. - Cl. 1861 1861; Gr. 1330p. 19; Det. Syll. 1. 475: Cl. 1861 1861.

" var. argustata, Gutwinski. - Galicji 1390p. 1. 1125; Notulae 1390p. 71: Det. Syll. 1. 431:

" forma argustata, Gutwinski. - Galicji 1390p. 1. 1125; Notulae 1390p. 71: Det. Syll. 1. 431:

" forma argustata, Gutwinski. - Galicji 1390p. 1. 1125; Notulae 1390p. 71: Det. Syll. 1. 431:

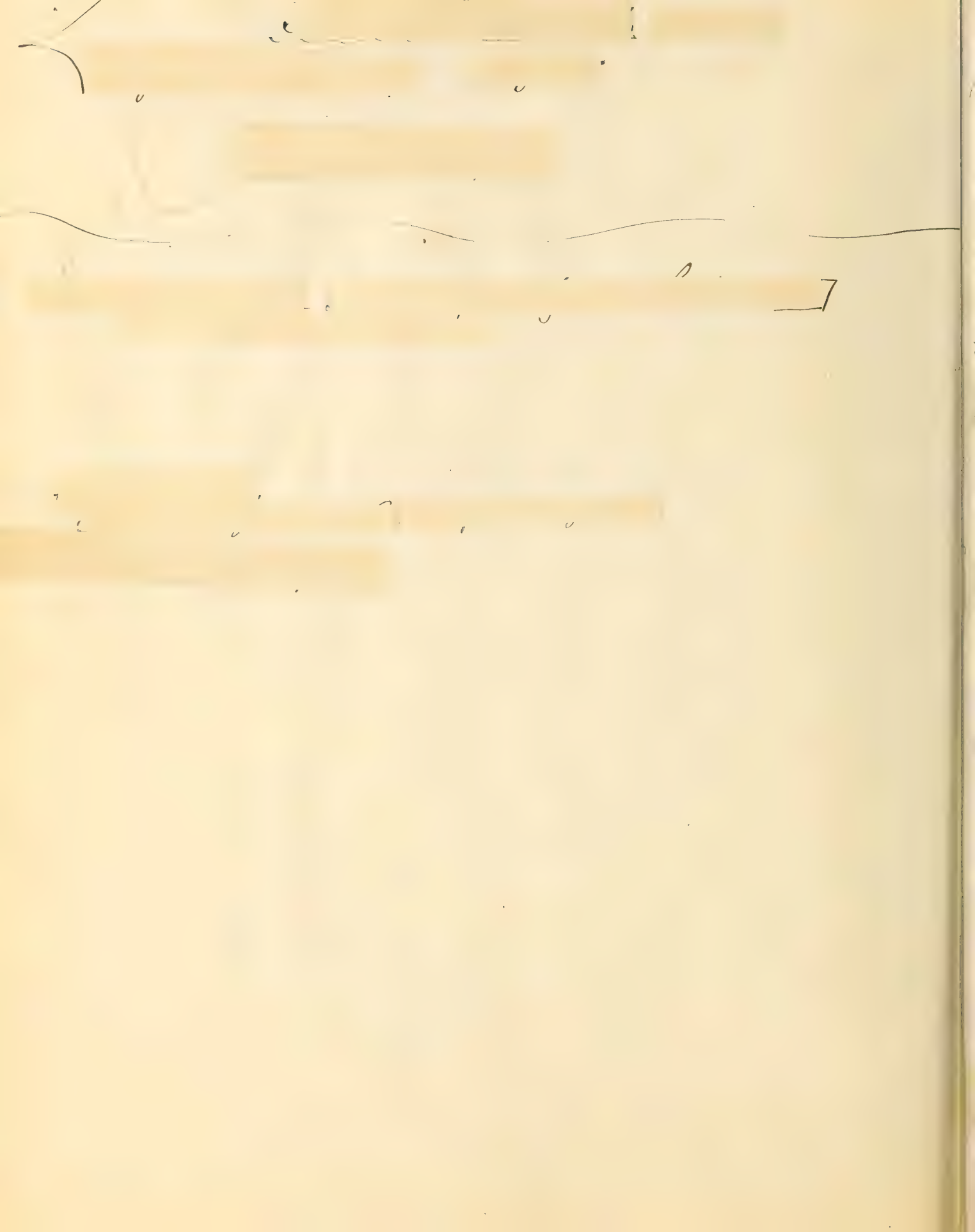
DIMORPHA, Turgin. - Memoires Mus. 1. 1125; Notulae 1390p. 71: Det. Syll. 1. 431:

DISPAR, Cleve 1391p. 52-512, 3: Nav. 2p. 1861 1861.

DUBIA, Bory. - Diet. 1. 1125; Notulae 1390p. 71: Det. Syll. 1. 431:

DUBIA, Gr. 1330p. 19; Det. Syll. 1. 475: Cl. 1861 1861.

DUBIA, Gr. 1330p. 19; Det. Syll. 1. 475: Cl. 1861 1861.



+ Exilis - Hervey & Petit Class. fig. 2 (Journ. 1891 p. 187, f. 2)
O. & Lend. (Cl. Nov. 2 p. 189) (Cl. Nov. 2 p. 189)

T.

gibberula
O. & Lend. (Cl. Nov. 2 p. 189)

+ gibberula - Hervey & Petit (Cl. Nov. 2 p. 189) (Cl. Nov. 2 p. 189)

glabrata,
O. & Lend. (Cl. Nov. 2 p. 189)

Grondlandica, var., Oestrup 1897 p. 330-2 f. 17:

heteromphala, (Cl. Nov. 2 p. 189) (Cl. Nov. 2 p. 189)

+ hudsoni (Cl. Nov. 2 p. 189)

garrica, var. (Cl. Nov. 2 p. 189) (Cl. Nov. 2 p. 189)

+ hypochrysa (Cl. Nov. 2 p. 189) (Cl. Nov. 2 p. 189)

ce. nov. 2p. 192

Pilata, lanceolata; A. brev. v. humilis:
H. v. Smithii, g. - Cl. Nov. 1881 (1881)
+ crispata, Cl. (Actinoneis) Le D. M. 2p. 57-3f13, 14:
Nov. 2p. 186:

+ Lagerheimii Cl. - Le D. no. 15 pl. 3f21, 22; (Heteroneis) Atlas 1906
Cl. Nov. 2p. 185:

+ lanceolata, H. ib. p. 44: Cl. Nov. 2p. 186:
H. v. lanceolata, g. - Cl. Nov. 1881 (1881)

+ H. v. Haynaldii, Schauer - Le D. M. 2p. 17-3f11, 12: Cl. Nov. 2p. 186: (Heteroneis)

+ Lillegeborgii, Cl. - Le D. no. 15p. - 3f19, 20; (Heteroneis) Nov. 1906: 1881
Cl. Nov. #182, 311: Cl. Nov. 2p. 185: Bot. Cl. 1881 p. 68:

+ linsearis,

H. v. pusilla g. - Cl. 1880p. 23: Nov. 2p. 189: - (A. pusilla.)

+ longicauda, g. - Cl. 1881p. 23:

+ Lorenziana, g. - Oestrup 1897 p. 324:
Actin. 1897 p. 18: Cl. Nov. 2p. 186: (Actinoneis)

Rhaph. L., scutell. - g. - Nov. 1881p. 18: (Actinoneis) - Cocc. robusta: A. g. - Nov. 1881p. 18:

+ mammalis, Cl. Nov. 2p. 187-3f13-15: (Actinoneis) - Rhaph. L. - g. - Nov. 1881p. 18:

+ H. v. reticulata, Cl. Nov. 2p. 187-3f16:

+ margaritana, Cl. - Le D. no. 15p. 57-3f8, 10: (Actinoneis)
Cl. Nov. p. 186:

+ marginulata, Cl. Nov. 2p. 186: - (Actinoneis) -

a-----a

VIOLACEA, K.-Cl. 1330.22; 1331.10: V. u. S. p. 131-27f20-23; Wille, pl. 27f27; Malaisia: Lake Michigan; Det. Syll. p. 433: -(Achnanthidium.) +
VIOLACEA, Balis, A.M.N. p. 1344.492-11fII: 1315.173-19fII:

-----K. Syn. p. 50, f54; 1889. Alg. p. 401-10014; K. p. 1.73-1312; 21f2; 1414(2b): K.S.A. p. 54; R.S.D. p. 25-3f2; R. Pac. Ex. 55; R. Alg. 303; Brev. Conc. p. 13; R. D. Ex. 3; V. Alg. 75: Prit. p. 374; R. S. D. p. 109; Marissal; Infus. p. 223-20f5; Prolins p. 53; P. 1. 10; Cl. 1330.23; Vega p. 491: V. u. S. p. 131-27f27, 33; Bellon, Lichon: Lag. 1334.53; Gallia, Pa. 2; Schum. 1339.35: Tararek 1379.43f27a; Perag. p. 53; Wille, pl. 29f10, II: Schum. H. T. p. 33-2f28; Italy: Schum. Marissal; Sp. 2, D. 10: T. 10, 1333.1.4f19: Det. Syll. p. 434:
 " var. cuneata, Schum., V. u. S. p. 131-27f27, 33; T. 10: 1333.1.4f19: Cl. V. p. 1.52; 1391.52; -(Achnanthes; -Achnanthidium.) Cl. Nav. 2 f. 188:

MULTIARTICULATA, A. - Conc. p. 59; K. Syn. p. 45; K. B. p. 73-20f3: Italy: K.S.A. p. 55: Prit. p. 374: (A. brevipes, v.)

NEGLECTA, Schum. - Det. Syll. p. 430: - (Achnanthidium.)

OBLIQUA, Turpin Mem. Mus.: -(Non-Diat.)

OBTUSA, E. - Mik. p. 192; Prit. p. 375: Det. Syll. p. 437:

OBTUSA, Schumann. - Det. Syll. p. 479: (Achnanthidium.)

OCTALTERNATA, Turpin Memoires Museum.: -(Non-diatomaceous.)

PACHYUS, Montagne Ann. S. N. Vol. 3 p. 343; Fl. Boliv. p. I: Syll. p. 470: E. Abh. Ber. 1339p. 136; 1340p. 3: Amer. pls. I-If16; I-2f28; I-3f32; 2-3f31; 3-3f29; K. p. 1.73-21(2)f3; 29f33; K.S.A. p. 55: Mik. 1353p. 33: R. E. D. p. 110: Prit. p. 374; Cl. 1330p. 19: Det. Syll. p. 472: -(A. Indica.)

" forma bacillaris, E. - Det. Syll. p. 473: -(A. bacillaris: A. brevipes, v.)

" var. siniflexa, R. E. D. p. 110: Det. Syll. p. 473: -(Achnanthes g.)

PARADOXA, E. - Abh. Ber. 1345p. 73; K.S.A. p. 56: Prit. p. 375:

R. E. D. p. 112; Det. Syll. p. 437:

PARALBELLA, Castr., 1371.41-19fII: Det. Syll. p. 436:

PARVULA, K. B. p. 1.73-21f5; K.S.A. p. 54; Westendorp No. 133: Herb. No. 795:

Prit. p. 374; R. S. D. p. 109; R. D. Ex. 3; Forth. Cey. p. 13: Cl. 1330p. 19:

V. u. S. p. 129-23f25-23; T. 202, 233; P. 1. 53: -(Hyalosira obtusang.) +

PENNIFORMIS, Gr. - Trans. B. S. Edinb. 1335.1.433-3fII-13;

Cl. 1330p. 20: Det. Syll. p. 479: -(A. brevipes, var.)

PENNATA, Cl., Vega p. 504-35f2: -(A. brevipes, var.)

PUSILLA, Gr. - Cl. 1330p. 23: V. u. S. p. 1.27f33, 34:

Det. Syll. p. 435: (A. linearis, var.)

QUADRALTERNATA, Turpin Mem. Museum.: -(Non-diat.)

QUADRILUCA, Turpin Memoires Museum.: -(Non-Diatomaceous.)

RECURVA, E. - Abh. Ber. 1353p. 593: Det. Syll. p. 433:

RHOMBOIDES, E. - Amer. p. 121; Prit. p. 374; R. E. D. p. 110: R. D. Ex. No. 7:

Schum. 1337p. 54: Italy: -(A. ventricosa, K.: -A. brevipes.)

SALINA, K. p. 1.77-20f5: K.S.A. p. 53; Brev. C. C. p. 14: Prit. p. 373;

R. S. D. p. 111: K. p. 1. 188p. 72 (fragilaria; -A. brevipes, var.)

SALINA, E. - Mik. p. 233: Prit. p. 375; Det. Syll. p. 433:

SERIATA, A. - Conc. p. 50: Det. Syll. p. 433; K. Syn. p. 45; Cl. 1330p. 19:

Det. Syll. p. 474: (A. brevipes, var.) (A. cuneata; -Cymbosira Agardhii.)

var. cuneata, Gr. - Cl. 1330p. 19: -(A. brevipes, var.)

microcephala Herib p. 49: Cl. Nov. 2 p. 188:
(*nov. pachycephala*: - Grun. 1866 p. 23: (A. Exch. n.)

✓ + *minutissima*, Herib p. 49: Cl. Nov. 2 p. 188: - (A. Exch. p.)
✓ " *forma curta*, H. v. H. S. 27 f. 35, 36; - (A. *minutissima*).

+ *pusilla*. (A. Exch. var. p. f.)

+ *pellucida*.

7 " *v. Brasiliensis* - Cl. - L. d. vol. 2. No. 17 p. 99-7 f. 15.

7 *Pera galli*, Dr. Per. - Herib p. 49: (A. Exch. p. f.)

(A. Otrantinum: -Achnanthes coarctata, var.)

+ Subsessilis, Ann. g. 1891 pl. 1 f 6: Herb. p. 47:

" var. incurvata, Botrup Mar. 2. pl. 3 f 1: - (C. [unclear] [unclear])

+ Tacnata Cl. Nav. 2p. 1897 p. 229-2 f 5: Cl. 1897.

+ Trinodis, Cl. Nav. 2p. 190: - (Nav. 7: - Athistimut: - Rhoicant.)

> VasZareji, Pant. - L. S. 700 p. 57: (H. [unclear] [unclear] - [unclear] [unclear])

Cl. 1897 p. 112:

> " var. Oregonica, Cl. - L. S. 700 p. 57-58 (Cl. 1897 p. 113)

Ch. [unclear] [unclear]

13. [unclear] [unclear] [unclear] [unclear] [unclear] [unclear]

2-----2

TRINODE, Arnott.-Prit.p.372-3f9; R.E.D.p.107: New Zealand:

(Achnanthes; -Navicula, w.S.: -Rhoicosneis.)

UNDULATUM, Schum.H.1.p.62-2f23:

(Achnanthes.)

ZELLERI, Kirchner Nach.zur Alg.Wurtemberg 1883p.153; DeT.Syll.p.439:

ACHNANTHOSIGMA. -(Reinhard, 1870)

MERESCHKOVSKI, Reinhard p.298, f1, 2:

(Rhoicosigma.)

ACTINELLA. -(Reinhard, 1870)

BRASILIENSIS, Grun.-V.H.S.pl.35f10: Amazon: DeT.Syll.p.816:

GUIANENSIS, Grun.-C. & M.213; N.L.K.D.p.20-5f53; DeT.Syll.p.816:

V.H.S.pl.35f17, 20:

(Desmogonium?)

MIRABILIS, Grun.-Amazon: V.H.S.pl.35f16: DeT.Syll.p.816:

PUNCTATA, Lewis, N. & I. p.342-1f5; S.G.1867p.153f166, 167: Sm.Sp.T.

sub No.47; V.H.S.pl.35f18, 21: T.274; Wille, pl.37f6-8, 10:

DeT.Syll.p.816:

SCALA, Brun.-Lec.vol.2, no.22, p.229 pl.19f16:

ACTINISCUS. -(Ehrh, 1837)

BIOCTONARIUS, E.-Abh.Ber.1854p.237:

(Bacteriastrum furcatum.)

BISEPTENARIUS, E.-Abh.Ber.1872p.1.6-2f12:

" "

CURVATUS, E.-Abh.Ber.1872p.1.6-2f13:

" "

DISCUS, E.-Abh.Ber.1844p.75: K.S.A.p.141; Mik.pl.21f49; Prit.p.935:

R.E.D.p.324; M.D.pl.43f4: DeT.Syll.p.1001:

DUODENARIUS, E.-Abh.Ber.1844p.199:

(Bacteriastrum.)

EUCALAN, E.-Mik.pl.22f1: DeT.Syll.p.1001:

(Dictyocha.)

HEPTADENARIUS, E.-Abh.Ber.1872p.1.6-2f14: DeT.Syll.p.1001: - Act. 1/2

NOVENDENARIUS, E.-Abh.Ber.1872p.1.6-2f15: K.S.A.p.141; Prit.p.935; R.E.D.p.324:

NOVENDENARIUS, E.-Abh.Ber.1939p.189:

(Bact.varians.)

PENNATUS, Grun.-V.H.S.pl.32b, f11, 12: Brun & T.p.63:

(Bacteriastrum: -Corethron hispidum.)

PENTASTERIAS, E.-Kreid.1840p.69; K.B.p.139; K.S.A.p.141; Mik.pls.

13f61; 19f45; 20-1f43; 33-17f1; 35A-23f1: 36f36; Weisse 1854p.242-

2f2; Gu.p.304-1f1; Prit.p.935; Bailey Coll.: R.E.D.p.324:

(Bact.varians; -Dictyocha.) DeT.Syll.p.1001:

QUINARIUS, E.-Abh.Ber.1844p.76: K.S.A.p.141; Mik.pl.19f46; Prit.p.

935; R.E.D.p.324: M.D.pl.43f3:

(Bact.varians.)

ROMA, E.-Abh.Ber.1844p.76: K.S.A.p.141; Mik.pl.21f50; Prit.p.935;

M.D.pl.43f5; R.E.D.p.324: DeT.Syll.p.1001:

SEPTENARIUS, E.-Abh.Ber.1854p.237:

(Bact.varians.)

SEXFURCATUS, E.-Mik.pl.35B-4b, f15: Abh.Ber.1854p.237;

1872p.213, pl.6-2f11:

(Bact.furcatum.)

SILICUS, E.-Mik.pl.1840p.70; K.B.p.139; K.S.A.p.141; Weisse 1854p.244-

2f3: A.S.S.Only 1854p.1; Mik.pls.1859, 30; 33-17f1; T.M.S.1860p.

101-7f14: Prit.p.935; M.D.pl.41f45; R.E.D.p.323; Bailey Coll.:

Wille, p.3019: DeT.Syll.p.1001:

TETRASTERIAS, E.-Mik.pl.1840p.16: K.S.A.p.141; Weisse 1854p.244-2f1:

Mik.pl.1862; Prit.p.935; M.D.pl.43f1: -(Bact.varians.) DeT.Syll.p.1001:

VITILUS, Grun.-Grun., in V.H.S.pl.82b, 510:

laevis, Dr. J. Syl. p. 1001:

> Stella E. Mik. pl. 22 f. 52: Dr. J. Syl. p. 1001: Mik. pl. 19 f. 52
20-1947: 2 f. 52: 2 f. 52: 1947-76

> vicinaria E. Mik. Br. 1839 p. 150: 1872 pl. 6. 2 f. 11. Dr. J. Syl. p. 1001:

- , A.J.S. 1842p.93-2f9-II: = *Amundulatus*, Meneg. A.N.D.p.477:
 ABUNDANS, E. - A.Ehrenbergii, 3I rays.)
 ACARNAUR, E. - Abh. Ber. 1843p. 165: (A.E., 33 R.)
 ACHATES, E. (A.E., 102 R.)
 ADAMAS, E. - (A.E., 101 R.)
 AESCHYLUS, E. A.E., 33 R.)
 ALDEBARAN, E. - Abh. Ber. 1840p. 240: (A.E., 34 R.)
 ALEXANDER, E. - Abh. Ber. 1845p. 360; K.S.A.p. 123: (A.E., 51 R.)
 ALIENUS, Grun. - Cl. M. 319; Vega 1.433: Rattr. Rev. p. 602:
 ALIENUS, Rattr. J.Q.C. 1890p. 144; Det. Syll. p. 115: *Act. 1832*
 " var. Arctica, Grun. - V.H.S. pl. 125f12; J.Q.C. 1890p. 144; Det. 6. p. 1165:
 " var. *actinoides*, Grun. - V.H.S. pl. 125f10; 125f14: - (A. alienus, R.)
 AMETHYSTUS, E. (A.E., 103 R.)
 ANACREON, E. - (A.E., 33 R.)
 ANCEPS, Fortm. - Cey. p. 63-8f73: Det. Syll. p. 1187;
 ANCEPS, Castr., 1837p. 146-4f1: - (A. oceanicus.)
 ANCORIFER, Schum. 1837p. 66-3f79: (A. arcuatus.)
 ANTARCTICUS, Castr., 1837p. 145: (A. Oliveranus.)
 ANTIARES, E. - Abh. Ber. 1840p. 204; K.B.p. 133; Weisse Guano p. 305;
 K.S.A.p. 123: (A.E., 35 R.)
 APELLES, E. - (A.E., 97 R.)
 APOLLON, E. - (A.E., 100 R.)
 APOLLO, E. - Det. Syll. p. 1173:
 APOLLO, Grun. - J.Q.C. 1890p. 131: - (Stictodiscus; -A. stictodiscus.)
 AQUILA, E. - Abh. Ber. 1840p. 204; K.B.p. 133; K.S.A.p. 123: Harting
 Bod. p. 120-3f4, 5: (A.E., 33 R.)
 ARCTURUS, E. - Abh. Ber. 1840p. 204; Jan. Gu. p. 9: (A.E., 37 R.)
 ARCUATUS, Schum. 1837p. 67-3f33; Heaw. 1837p. 139; J.Q.C. 1890p. 137:
 (A. ancorifer.) Det. Syll. p. 1182;
 ARCTURUS, Grun. - M.S. 1832. 93-3f1: (Actin. 6. 1832.)
 ASTROLITES, E. (A.E., 104 R.)
 ASTROLITES, Grun. - V.H.S. pl. 125f7, 8: J.Q.C. 1890p. 132; Det. Syll. p. 1167:
 ASTROLITES, Grun. - V.H.S. 1837p. 29: Rattr. Rev. p. 601, 602: J.Q.C. 1890p.
 158: Det. Syll. p. 1171. - (A. arctic; -Actin. 6. 1832; -Coscino-discus) V.H.S. 124f12.
 " var. *actinoides*, Rattr. J.Q.C. 1890p. 139: Det. Syll. p. 1171:
 BERYLLUS, E. - (A.E., 105 R.)
 BET-EL-GOSE, E. - Abh. Ber. 1840p. 204; K.B.p. 133;
 K.S.A.p. 123: (A.E., 38 R.)
 BIAS, E. - (A.E., 76 R.)
 BIFRONS, Rattr. Rev. p. 600: (Coscino-discus.)
 BINONARIUS, E. - Abh. Ber. 1840p. 203; Mik. pls. 19f10; 20-1f39; R.E.D.p.
 35f3: Jan. & R. p. 3-3f16; Jan. Gu. p. 9-2a, f3: (A. octodenarius.)
 BIOCTONARIUS, E. - Abh. Ber. 1839p. 133; 1840p. 202; K.B.p. 133; K.S.A.p.
 127: Fort. Cey. p. 63: Mik. pls. 18f18: (A. heteractis; -A.E., 16 R.)
 BISENARIUS, E. - Abh. Ber. 1840p. 202; Kreid. 1840p. 60; K.S.A.p. 127;
 K.B.p. 133; Mik. pls. 13f14; 19f7; 20-1f33; 21f15; 22f16;
 (A. duodenarius; -A.E., 12 R.)
 BISEPTENARIUS, E. - Abh. Ber. 1840p. 203; K.S.A.p. 127; K.B.p. 133; Mik. pls.
 13f16; 19f8; 21f16; Weisse Gu. p. 304; Jan. Gu. p. 9: (A.E., 14 R.)

Alionus, v. *arctica*, *Gran N. E.* pl. 4 f 63; *Cl. R. S. Rep.* 22
(3) kept + p. 18-2 f 11, 12. *Cl. R. S. Rep.* 22

- BITERNARIUS, E.-Abh. Ber. 1339p. 137; Kreid. 1340p. 57; Mont. Fl. Al. I.
 111; E. I. I. 132; K. S. A. p. 123: -(A. Ehr., 3 R.) *Handb. d. Geol. 1874/75, 271/2*
 GONNANUS, Part. 11. 116; G. I. 130001: *Det. Syll. p. 1158*
 BREMIANUS, Part. 2p. 113-1139; J. Q. C. 1390p. 130: *Det. Syll. p. 1172*
 CAGIA, Part. 11. 116; G. I. 130001: *Det. Syll. p. 1158*
 CALLIMACHUS, E.--(A. Ehr., 93 R.)
 CANOPUS, E.-Abh. Ber. 1344p. 26; K. S. A. p. 123: -(A. Ehr., 39 R.)
 CAPELLA, E.-Abh. Ber. 1340p. 204; K. S. A. p. 123;
 Jan. Gu. p. 9: (A. Ehr., 40 R.)
 CARBUNCULUS, E.- (A. Ehr., 106 R.)
 CERES, E.-Abh. Ber. 1340p. 206; G. I. 130001: *Det. Syll. p. 1158*
 K. S. A. p. 123; Weisse Gu. p. 304; Jan. Gu. p. 9: -(A. Ehr., 25 R.)
 CHILLO, E.- (A. Ehr., 73 R.)
 CHRYSOSTOLITHIS, E.- (A. Ehr., 107 R.)
 CIRCUMDATUS, Part. 1p. 33-3f23: -(A. crassus.)
 CLAVIER, Schm. 1337p. 33-3f35; Hedw. 1337p. 131: -(A. moniliformis.)
 CLEOBULUS, E.- (A. Ehr., 72 R.)
 CLEVEI, Cast. 1337p. 113-116; J. Q. C. 1390p. 202: -(A. Ehr., 72 R.)
 COMPLANATUS, Cast. 1337p. 143-4f9; J. Q. C. 1390p. 135-
 11f10: -(A. Ralfsii, p. p.) *Notar. 1889p. 743; Det. Syll. p. 1174*
 * v. anguste-fasciata, Rattr.-J. Q. C. 1390p. 136;
 * v. latefasciata, Rattr.-J. Q. C. 1390p. 136;
 CONCERNICUS, Rattr.-J. Q. C. 1390p. 135: *Det. Syll. p. 1181*
 CRASSUS, W. S.-Prit. p. 335; Carr. p. 94; O'M. I. D. p. 269; Italy: *Det. Syll. p. 1169*
 V. H. S. p. 215-124f3, 3; Woll. p. 103f1; Villef. p. 71: Cl. 1391p. 67;
 (A. siberassus; -Eugodiscis.)
 * v. moniliformis, Ralfs.-Cl. 1391p. 67;
 CROESUS, E.-Abh. Ber. 1344p. 165: -(A. Ehr., 55 R.)
 CRUCIATUS, Schm. 1337p. 67-3f34; Hedw. 1337p. 139; J. Q. C. 1390p. 142: *Det. Syll. p. 1169*
 CURVATULUS, Jan.-Atlas 57f31, 32; Woll. p. 104f14;
 DAEDALUS, E.- (A. Ehr., 92 R.)
 DAVIDUS, E.- (A. Ehr., 53 R.)
 DECUSSATUS, Grove in litt.: -(A. confluentis.)
 DENARIUS, E.-Abh. Ber. 1339p. 129; p. 73; Kreid. 1340p. 59; Mg. p. 13. 33-16f1;
 13f12; 21f12; 22f15; G. I. 130001: K. S. A. p. 123; Mont. Fl. Al. I.
 Alg. p. 194; Weisse Gu. p. 304-1f3; 1364p. 1f3: -(A. Ehr., 10 R.)
 DENTICULATUS, Cast. 1337p. 145-115; J. Q. C. 1390p. 201: (A. Ehr., 10 R.)
 DISSEMINATUS, Part. 2p. 113-1139; J. Q. C. 1390p. 131: *Det. Syll. p. 1172*
 DIVES, E.-Abh. B. 1340p. 204; K. B. p. 134: -(A. Ptolomaeus; -Cyclotella.)
 DURIUS, G. I. 130001: A. J. C. 1377p. 122: -(A. Ehr., 10 R.)
 EUDALATUS, E.-K. 1340p. 30; Mg. 1370p. 33; Mont. Fl. Al. I. 111; V. S. A.
 123; K. S. A. p. 127; S. B. L. p. 33; Jan. Gu. p. 3-16, 111; Jan. Gu. p. 2-211;
 (A. Ehr., 12 R.; -A. bisstratus; -A. moniliformis; -A. Ehr., 10 R.)

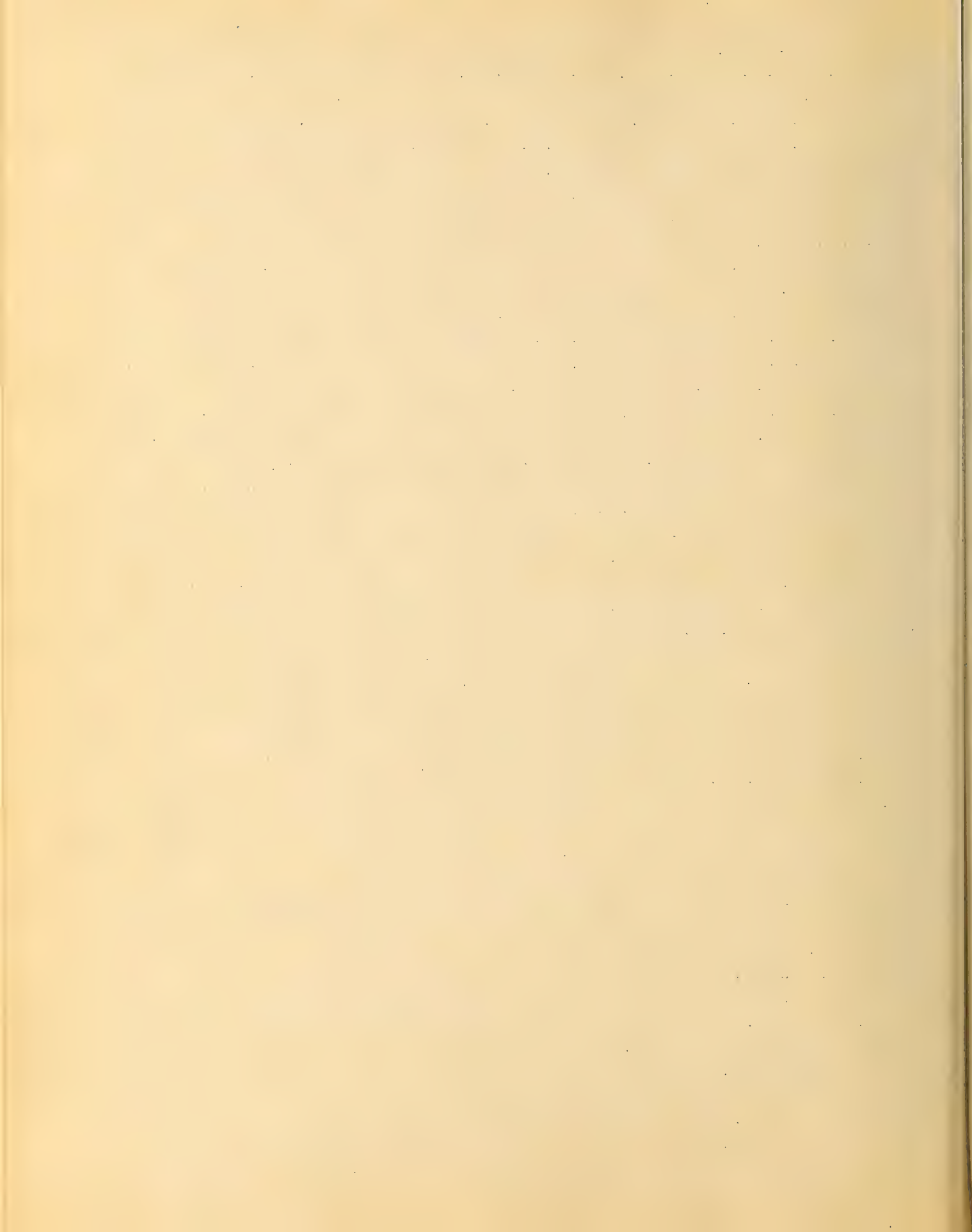
Ehrenberg's Schmin. - Hedw. 1867 p. 138:

- OEX, E.-Abh. Ber. 1845p. 336; K.S.A.p. 123; - (A.E., 53 R.)
 EHRENBURGII, Schumann 1867p. 3633f32; J.Q.C. 1890p. 197; -(A. monili.)
 EHRENBURGII, Ralfs.-Prit.p. 334; Grun. 1838p. 25; 1873p. 23; 1837p. 31;
 Petit Mirroir; Cat. p. 39; Abbeil, Balth.; Sm. Sp. 1. 12; Ann. 1. 47; 181.
 1873p. 7; V. 1. 504, 509; Latt. 1. 137; 12; V. 1. S. 1. 215; 1247; 1. 116;
 J.Q.C. 1857p. 174; Atlantic City; 1867p. 33-34f31; 2p. 118; Mobile;
 Italy; Perag. p. 76; Villef. p. 72; Woll. p. 35f9; A.M.M. 2. 1891p. 2545
 (Actinocyclus, species multae.) De T. Syll. p. 1187.
 var. V. 1. S. 1. 1251; -(A. monilifer) A. Schumacher.
 var. intermedia, Grun.-V. 1. S. 1. 124f5; J.Q.C. 1890p. 131;
 Woll. p. 35f12;
 ELEGANS, Fortm. Cey. p. 63-3f77; J.Q.C. 1890p. 201; De T. Syll. p. 1188. -
 ELLIPTICUS, Grun.-V. 1. S. 1. 124f10; J.Q.C. 1890p. 192; Woll. p. 35f1;
 (Cestodiscus ovalis, var.) De T. Syll. p. 1184;
 var. Sendaiana, B.-Brun 1891p. 5-14f3; De T. Syll. p. 1184;
 ELONGATUS, Grun.-V. 1. S. 1. 125f15; Brun & T. p. 33; J.Q.C. 1890p. 193; De T. Syll. p. 1186.
 var. dubia, Grun.-V. 1. S. 1. 125f16, 17; J.Q.C. 1890p. 16, 17; De T. Syll. p. 1186.
 EOS, Willon.-S.C. 1880p. 91; J.Q.C. 1890p. 204; (Shrubsole?) De T. Syll. p. 1187.
 EURIPIDES, E.- (A.E., 33 R.)
 FALSUS, W.S.-Heaw. Vol. 6p. 31 (1867)-teste Grun.
 FASCICULATUS, Cast. 1837p. 144-4f3; J.Q.C. 1890p. 169; Notar. 1889p. 742; De T. Syll. p. 1186.
 var. Cast. 1887p. 144-4f3; J.Q.C. 1890p. 169; -(A. fasciculatus)
 FLOS, Brun & T. p. 10-9f2; J.Q.C. 1890p. 142; De T. Syll. p. 1164;
 FO-LI-LOT, E.-Abh. Ber. 1843p. 155; -(A.E., 41 R.)
 FORTUNATUS, E.-Abh. Ber. ?-(A.E., 34 R.)
 FULVUS, Ralfs.-Prit.p. 335; O.P.I.D. 1. 239; Fort. Cey. 1. 33; Cl. 1873p. 3;
 Latt. 1. 137p. 13; Italy; J.Q.C. 1890p. 193; -(A. fulvus; -Eupodiscus.)
 FUSCUS, Norman.-Sm. Sp. 1. 11; A.J.M. 1877p. 100; Mobile:
 (A. Ralfsii; -Coscinodiscus Barkleyi & f.) vol. 13, 1875p. 38;
 GRAECORUM, E.-Mia. p. 20-1840; J.Q.C. 1890p. 186-11f3; De T. Syll. p. 1189.
 GUINENSIS, Grove.-J.Q.C. 1890p. 133-11f3; De T. Syll. p. 1182.
 HELVETICUS, Grun.-J.Q.C. 1890p. 204; -(Cyclotella compta, v.)
 HESIODUS, E.- (A.E., 31 R.)
 HETERACTIS, E.-Abh. Ber. 1872p. 12f12, 13; -(A. heteractis; -A. Ehrenbergii.)
 HOMERUS, E.-Abh. Ber. 1845p. 360; K.S.A.p. 123; (A.E., 30 R.)
 HORATIUS, E.- (A.E., 90 R.)
 HYACINTHUS, E.- (A.E., 103 R.)
 IASPIS, E.- (A.E., 109 R.)
 IASPONYX, E.- (A.E., 110 R.)
 IMPERATOR, E.- (A.E., 53 R.)
 INCERTUS, Grun.-C. & M. 16; V. 1. S. 1. 123f4; Ratt. Rev. 1. 32;
 J.Q.C. 1890p. 143; Woll. p. 35f3; De T. Syll. p. 1186.
 INGENS, Rattray.-J.Q.C. 1890p. 149-11f7; De T. Syll. p. 1187.
 INTERPUNCTATUS, Ralfs.-Prit.p. 335; Sm. Sp. 1. 12; A.J.M. 1877p. 100;
 Atlantic City; J.Q.C. 1890p. 203; De T. Syll. p. 1186.
 (Actinoptychus; -Eupodiscus; -Hyalodiscus stellatus;)
 JAMISCHII, Schum. 1837p. 36-3f30; Heaw. 1837p. 133; -(A. sparsus, A. Schumacher.)
 JANUS, Rattray Rev. p. 300; -(Coscinodiscus.)

moniliformis (L. Katsi, v. indivisa.)

penicillatus, E. M. Pl.

~~HH~~ ~~done~~



- DICTONARIUS, E.-Abh.B.1337p.31; Inf.p.173-2117; Mp.pls.13f10; 20-1f39;
 21f11; 22f14; 1353p.63; Jan.Gl.p.9-28, f3; Fortm.Cey.p.63:
 (A.Ehr., 8 R.: -Actinocyclus; -Eupodiscus crassus.)
 OLIVERANUS, O.M.-J.L.S.1375p.53-1f7; Castr.1337p.154-4f7;
 J.Q.C.1390p.143; Det.S.p.1137:
 (A.Antarcticus & umbonatus; -Micropodiscus; -Podocila.)-
 OMPHUS, E.- (A.Ehrenbergii, 112 R.)
 OMYX, E.- (A.Ehr., 113 R.)
 OPALUS, E.-A.Ehr., 114 R.)
 OPIPARUS, E.- (A.Ehr., 33 R.)
 OPULENTUS, E.-Abh.B.1345p.559; K.S.A.p.123:
 (A.Ehr., 53 R.: -Discoplea.)--
 ORNATUS, Pater.-J.Q.C.1390p.151-1119; Det.S.p.1137:
 ORPHEUS, E.- (A.Ehr., 99 R.)
 OVALIS, Norman.-Cl. & M.No.222; V.1.S.pl.124f11; J.Q.C.1390p.193;
 Det.S.p.1135: -----Gran., 1333pp.25, 103-A.Roperi.)
 PALLAS, E.-Abh.B.1344p.265; K.B.p.134; K.S.A.p.123; E.M.pl.
 33-15f2; Jan.Gl.p.9: (A.Ehr., 27 R.)
 PAMELIOS, E.-Abh.B.1340p.360; K.B.p.134; K.S.A.p.123;
 Pl.1337p.301: (A.Ehr., 113 R.)
 PARADOXUS, E.-Mik.pl.20-1f41; Abh.B.1375p.33; J.Q.C.1390p.205;
 Det.S.p.1139:
 PARTITUS, Gram.- J.Q.C.1390p.153;
 Det.S.p.1139: (A.Ehr., 113 R.)
 PELLUCIDUS, Castr.1337p.147-29f13; J.Q.C.1390p.199; Notar.1339p.
 744; Det.S.p.1137: (A.Ehr., 113 R.)
 PEPLUM, Br.-Brun 1391p.3-19f5; Det.S.p.1133: (Cestodiscus.)-
 PERIANDER, E.- (A.Ehr., 77 R.)
 PHIDIAS, E.- (A.Ehr., 94 R.)
 PINDARUS, E.- (A.Ehr., 35 R.)
 PITTACUS, E.- (A.Ehr., 74 R.)
 PLUTUS, E.-Abh.B.1345p.360; K.S.A.p.123; (A.Ehr., 59 R.)
 POLYACTIS, E.-Abh.B.1345p.360; K.S.A.p.123: (A.Ehr., 33 R.)
 PRAXITELES, E.- (A.Ehr., 95 R.)
 PRETIOSUS, E.- (A.Ehr., 37 R.)
 PROCYON, E.-Abh.B.1345p.360: (A.Ehr., 43 R.)
 PRODIGUS, E.-Abh.B.1345p.360; K.S.A.p.123: (A.Ehr., 33 R.)
 PROSERPINA, E.-Abh.B.1345p.360; K.S.A.p.123: (A.Ehr., 60 R.)
 PRUINOSUS, Castr.1337p.147-1f13; J.Q.C.1390p.199-1115: (A.Ehr., 113 R.)
 p.744; Det.Syll.p.1175:
 " v. minor, Pater.-J.Q.C.1390p.153; Det.S.p.1139:
 PTOLOMAEUS, E.- (A.Ehr., 52 R.)
 PUMILUS, Castr.1337p.147-12f2; J.Q.C.1390p.202; Notar.1339p.744;
 Det.S.p.1133: (Coscinoiscus Antarcticus.)
 PUNCTULATUS, Castr.1337p.146-13f3; (A.moniliformis.)
 PUSILLUS, Gro.-J.Q.C.1390p.133; Det.S.p.1175; (Coscinoiscus.)
 PYRGOTELES, E.- (A.Ehr., 96 R.)
 PYXIECHNICUS, Deby, J.Q.C.1390p.144-11f15; Det.S.p.1135;
 PYXIDICULA, E.-Mik.pl.13f19; J.Q.C.1390p.200: -(Pyxidicula actinocyclus)

Ralfain, S.

v. parvulus, Gn. - V.H.S. pl. 132 f 10:

- QUATERNARIUS, E.-Abh.B.I333p.I29; M. pls. 2If7; 2f10:-(A.Ehr., 4 R.)
- QUATUORDENARIUS, E.-Abh.B.I340p.203; M. pl. 33-I3f2:-(A.Ehrb., 14 R.)
- QUINARIUS, E.-Abh.B.I333p.I29; M. pls. I3f3; 1915; 2If3; 2f11:
Jan.Gu.p.3: (A.Ehr., 5 R.: -Actinoptychus.)
- QUINDENARIUS, E.-Abh.B.I339p.I40; M. pl. 60; M. pls. I3f17; 1919; 2If17:
Mont.Fl.Alg.p.I95; K.B.p.I33; K.S.A.p.I27; (A.Ehr., 15 R.)
- RADIATUS, Rattr.-J.Q.C.I390p.I61-IIf6; Del.S.p.II72:
- RALFSII, W.S.-Prit.p.335-5f34; Carr.p.94; Eul.S. 7.II4; Cl-Java p.5:
O'M.I.D.p.263-27f1; B.S.B.I373p.29; I379p.3; M.T.p.4-3-3; Sr.S. 7.
I3; Pet.Cat.p.39; Fortm.Cey.p.33; Carp.I33Ipl.IIf1; V.A.S.p.215-I23f
3; T.5I6-5I3; Atlantic City; Perag.p.76; J.Q.C.I390p.I55; Pant.2p.
II3; Del.S.p.II70:-(A. & Coscinod.fuscus; -A.complanatus; -Eupodiscus.)
- " v.Australiensis, Gru.-V.A.S.pl.I24f2,4; J.Q.C.I390p.I57;
Brun & 7.p.68; Del.S.p.II70:-
- " v.Challengerensis, Rattr.I334p.I42-291; 1919p.II1:
J.Q.C.I390p.II7:
- " v.indivisa, Gru.-Weissenb. Coll.: 1919p.182. (A.moniliformis.)
- " v.Monicae, Gru.-V.A.S.pl.I24f3; J.Q.C.I390p.I57; Wolle pl.
35f13; Del.S.p.II71:
- " v.Schomburgkii, Gru.-V.A.S.pl.IIIf1; J.Q.C.I390p.II7; 1919p.II7:
- " v.sparsus, Greg.-Prit.p.335; Cl. & M.II5; Pet.Cat.p.I39;
Villef.p.7I: (A. & Eupodiscus sparsus.)
- " v.Yarransis, Cl. & M.II5; A.S. I379p.IOI:
- REGULUS, E.-Abh.B.I343p.I67:- (A.Ehr., 44 R.)
- REX, E.- (A.Ehr., 57 R.)
- RIGL, E.- (A.Ehr., 45 R.)
- ROPERI, Kitt.-B.S.B.I373p.30; I379p.4; V.A.S. 11.I25f5,6:
J.Q.C.I390p.I94;
Rattr.Rev.Occ. 1.301; J.Q.C.I383p.913; 1919p.II5:
(A.ovalis, Gru.: -A.Ehrenbergii, R.: -Coscinod.ovalis; -Eupodiscus.)
- ROTULA, Br.-Brun I39Ip.6-I7f5a,b; Del.S.p.II72;
- SALOMON, E.- (A.Ehr., 79 R.)
- SAPPHIRUS, E.- (A.Ehr., 115 R.)
- SAPPHO, E.- (A.Ehr., 34 R.)
- SARCA, E.- (A.Ehr., 116 R.)
- SARDONYX, E.- (A.Ehr., 117 R.)
- SATURNUS, E.-Abh.B.I340p.203; K.B.p.I33; K.S.A.p.I23;
Jan.Gu.p.9-2a,f1: (A.Ehr., 26 R.)
- SEDENARIUS, E.-Abh.B.I339p.I41-4f11--Actinoptychus):-- Roper,
in T.M.S.I354p.74-3f2, I3, I4; S.B.D. 21.33:
(A.bioclonarius; -Actinophænia splendens.)
- SEMOCELLATUS, Schum.I367p.33-3f3I: Leaw.I337p.I39:-(A.moniliformis.)--
- SENARIUS, E.-Abh.B.I337p.3I: Inf.p.I72-2If6; Jan.Gu. 1.3-Ib,f7:
(A.Ehr., 6 Rays, & undulatus: -Actinoptychus.)-
- SENARIUS, Harting p.I20-3f3: (A.crassus.)
- SEPTEMDENARIUS, E.-Abh.B.I344p.265; Weisse Gu. 1.304; Jan.Gu. 1.9:
(A.Ehrb., 17 R.)

subtle,

" for. major, } Ralph { V.H.S. 1253 11"
" for. minor, } { V.H.S. 1253 9."

- SEPTENARIUS, E.-Abh.B.1839p.158; Wr.p.56; Mg.pls.18f9; 20-1f35; 21f
 10: 22f15; 1856p.68; Mont.Fl.Alg.p.194; K.B.p.152; K.S.A.p.127;
 (A.Ehrenbergii, 7 Rays.)
- SIGNATUS, Rattr.-J.Q.C.1890p.163-II f2; Del.Syll.p.II73:
- SIRIUS, E.-Bailey Coll.: (A.Ehr., 46 R.)
- SMARAGDUS, E.- (A.Ehr., 118 R.)
- SOCRATES, E.- (A.Ehr., 73 R.)
- SOL, E.-Abh.B.1840p.203: (A.Ehr., 47 R.)
- SOLOM, E.- (A.Ehr., 71 R.)
- SOPHOCLES, E.- (A.Ehr., 87 R.)
- SPARSUS, Greg.-J.Q.C.1890p.170: Del.S.p.II76:
 (A.Ralfsii, v., & Janischii; -Eupodiscus.)
- SPICA, E.- (A.Ehr., 48 R.)
- SPINOSUS, Brtw.-M.J.1860p.93-3f15; J.Q.C.1890p.200: -(Actinoptychus.)--
- SPLENDENS, Rattr.-J.Q.C.1890p.163-II f14; Del.S.p.II76:
- STELLA-POLARIS, E.- (A.Ehr., 49 R.)
- STICTODISCUS, Gru.-V.H.S.pl.II8f4: -(A. & Stictodiscus appendiculatus.)-
- SUBCRASSUS, Rattr.-J.Q.C.1890p.154: (A.crassus, p.p., & circumdatus.)
- SUBCELLATUS, Rattr.-J.Q.C.1890p.145-II f1; Del.S.p.II63:
 (A.curvatus, p.p.: -Coscinoiscus curvat., var.s.)
- SUBTILIS, Greg.-Ralfs, Prit.p.835; Carr.p.94; Eul.Sp.T.II3; Sm.Sp.T.
 14; Cl. & M.171; A.J.M.1877p.101; B.S.B.1873p.29; 1879p.4; V.A.S.1.
 216-124f7; Cl.Vega p.509; Italy; Pant.Ip.66-14f124; 2, p.II3; Rattr.
 Rev.p.602; J.Q.C.1890p.188; Perag.p.76; Villef.p.72; Wolle pl.35f7;
 Del.S.p.II83: -(A.falsus, tenuissimus; -Eupodiscus s. & Gregorianus.)--
- " v. aperta, Rattr.-J.Q.C.1890p.191; Del.S.p.II83;
- " v. disjuncta, Rattr.-J.Q.C.1890p.190: Del.S.p.II83:
- " v. subdivisa, Gru.-V.H.T.No.520: (A.subtilis.)
- TENELLUS, Cl., Vega p.509; 1873p.13; Neww.Vol.3p.31: -(Eupodiscus.)
- TENUISSIMUS, Cl., 1873p.21-5f34; Cl. & M.149; Grevillea 1873p.71; J.M.
 1879p.135-3f13; V.A.S.1.12312; Wolle pl.123; J.Q.C.1890p.188:
 Del.S.p.II81: (A.subtilis, v.)
- " v. Australiensis, Gru.-V.A.S.pl.125f3: (A.tenuissimus.)
- TERNARIUS, E.-Abh.B.1838p.129-4f11; Mg.pl.22f9:
 (A.Ehr., 3 R.: -A.moniliformis.)
- TERRA, E.-Abh.B.1843p.271; Jan.Gu.p.9: (A.Ehr., 29 R.)
- TESSELLATUS, Ralfs, Prit.p.835; Carr.p.94; B.S.B.1873p.30;
 1879p.6: (Eupodiscus; -Roperia.)
- THALES, E.- (A.Ehr., 75 R.)
- THUMII, Pant.Ip.67; J.Q.C.1890p.193: (Coscinoiscus.)
- " forma bicentralis, Pant.Ip.67-29f300:
- TOPAZIUS, E.- (A.Ehr., 119 R.)
- TREDENARIUS, E.-Abh.B.1840p.205; Mg.pl.18f15; K.B.1.153;
 K.S.A.p.127; Jan.Gu.p.3: (A.Ehr., 13 R.)
- TRILINGULATUS, Brtw.-M.J.1860p.93-5f2, 2a, b; J.Q.C.1890p.200:
 (Actinoptychus; -Schuettia.)--
- TRIRADIALATUS, Roper.-M.J.1853p.23-3f5; J.Q.C.1837p.3; 1890p.200:
 Wolle pl.69f3: (A.undulatus; -Actinopt. velatus & t.)
- TUBAL-CAIN, E.- (A.Ehr., 91 R.)

With Love

ACTINOCYCLUS.--

39--

- TYRTAEUS, E.- (A. Ehrenbergii, 32 Rays.)-
 UMBONATUS, Castr. I 337 p. I 45-4 f 5: (A. Oliverianus.)
 UNDAIUS, Harting p. II 9-3 f 13: (Actinopt. undulatus.)
 UNDAIUS, Cl.-J. R. U. I 333 p. I 71-I 31 f 4; I 334 p. I 32:
 Del. Syll. p. II 73: (Coscinoideus.)
 UNDEKARTUS, E.-Abh. B. I 339 p. I 3; K. B. p. I 9; I 19-I 31 f 13; I 334 p. I 14; I 335 p. 63; weisse Cl. p. 304-I 14; Jan. Gu. p. 9: (A. Ehrb., 11 R.)
 K. B. p. I 33; K. S. A. p. I 27: (A. Ehrb., 11 R.)
 UNDULATUS, Bail.-A. J. S. I 342 p. 2 f II: K. B. p. I 32-I f 24 a, b; K. S. A. p. I 27;
 Heib. p. 37: (Actinopt. biternarius, biternatus, & a.)
 UNDULATUS, Breb. D. C. p. I 3; Roper, Thames; Mull; Girard Ross. pl. 4, f I 4;
 Cl. I 373 p. 2 I 3; J. Q. C. I 335 p. 274: (A. senarius, E.)
 URANUS, E.-Abh. B. I 340 p. 204; K. B. p. I 33: (A. Ehrb., 32 R.)
 VENUS, E.-Abh. B. I 344 p. 265; Mg. pls. 35 A-I 3 f 3; 33 B-22 f 7; Jan. Gu. p. 9:
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 CALICINUS, A.S., Atlas 132f22; Det. S. p. 1391;
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 A. elegantulus, splendens, undulatus; -Polysiphonia; -Platysiphonia;
 ELEGANS, Ralfs, Prit. p. 341; Atlas 153f4, 6; Wollé pl. 74f14;
 (A. duodenarius.)
 ELEGANTULUS, Gro. & St.-J.Q.C. 1337p. 142-13f40; Notar. 1333p. 463;
 Det. S. p. 1331; (A. hispidus; v.)
 ERINACEUS, Brun & T. p. 12-7f1; Det. S. p. 1336; (A. hispidus; v.)
 EROSUS, Castr. 1337p. 123-7f3; Notar. 1339p. 745; Det. S. p. 1332;
 EXCELLENS, Schumann 1337p. 64; Atlas 1f14; Wollé pl. 92f3; -(A. senarius).
 FLOS-MARINAE, Br.-Brun 139Ip. 7-II f8; (Polymixis?)
 FUSCUS, Gro. & St.-Atlas 132f21; Det. S. p. 1391;
 " var., Gro. & St.-Atlas 154f3;
 GEMINUS, A.S., Atlas 9If3, 7; Pant. 2p. 106; Det. S. p. 1339;
 GLABRATUS, Gru.-V.H.S. pl. 120f3; J.Q.C. 1335p. 72; 1337p. 64; Brun & T.
 p. 63; Atlas 153f7, 12; 156f12, 13; Pant. 2p. 106; Det. S. p. 1337;
 (A. elegantulus--splendens, var., & interpositus.)
 " var., A.S., Atlas 154f4;
 " v. Andrositica, Pant. 2p. 106; 3p. 2-5f76; Det. S. p. 1337;
 " v. Angelorum, Gru.-V.H.S. pl. 120f9; Wollé pl. 35f13; Det. S. p. 1337;
 " v. incisa, Gru.-V.H.S. pl. 120f8; J.Q.C. 1337p. 172; Brun & T. 1. 66;
 Wollé pl. 35f19; Atlas 154f2, 3; Det. S. p. 1337;

7 var. Indicus, Bn. -

(A. Indicus) -

7 Milabyanus, Bn. - L.D. vol. 2, n° 22 p. 230-23 f 1:

7 " corallina, Bn. - L.D. 2 n° 22 p. 230-23 f 2:

7 Indicus, Bn. - L.D. 2, n° 16 p. 73-5 f 8:

(A. hexagonus var.) -

7 lobatus, Bn. - L.D. vol. 2, n° 22 p. 230-23 f 5: -

7 lucidus, Bn. - L.D. 2, n° 16 p. 73-5 f 9: -

7 maureporus, Bn. - L.D. vol. 2, n° 22, p. 231-23 f 6:

MARYLANDICUS, Brew.-Atlas If28; Woll. 1.92113: (Tricratin.)--

MINUTUS, Grev. ~~U.S.~~ U.S. 1333.5-1f12; Witt 1333.II-2024; Woll: 11.

74f3; DeT. Syll. p. 1331:

[illegible]

MOLLERI, Grd.-Atlas I32fI
" var., A.S., Atlas I32f9:

MOSAICA, Br in I39I₁.7-IIfI2: Del.S.p.I333:[illegible]

(A. stella; -Omhalopelta.)

NITIDUS, Grev.-Atlas 117; J.Q.C. 1337p.34; Brun & T. p.33; Wollg. 11.

35f6; Del.S.p.1878: (A.Asianicus; -teliopelta.)

" v. turgida, Brn. & T. p. 33:

MONARIUS, E. - Amer. pl. I-3f22; Abh. B. I34Ip.409; A. J. S. I342q 1.2f9;

K.B.p.134; K.S.A.p.131; Jan.Gu.p.10; Malaisie:

NOTABILIS. Br. n. -Atlas 155f2:

NOTABILIS, Pant. 3p. -I3f26I; Det. S.p. I368:

OAMARUENSIS, Grd.-Atlas 152ff10; Det.S.p. 1389;

OCTODENARIUS, E.-Abh.B.1359p.140; Kr.1.5I-4f3; Nr.11s.1.5f27; 2112f.

33-16f4; K.B.p.134; K.S.A.p.131; Hortm.Cey.p.70: (A. elegans.)

OCTONARIUS, E.-Inf.pl.2If7; Abh.B.I34Ip.323; Mg.pl.I3f22; K.B.p.I34-

2If35; K.S.A.p.13I; Mg.1353p.33; weisse Gl.p.305-If7; Jan.Gl.p.10-

[illegible]

(A. *undulatus*; -*Eupodiscus crassus*.)

PANTOCSEK II, Tristan. -Part. Ip. 62-7f54; Notar. 1833p. 603; Det. S. p. 1530;

PARFUM, BEAR & C., 12-74; 6612; 1960; 135, 137;

PARDA, Castr.-Deloni.-(*Omphalopelta*.)

Bibliogr. 1958, 611. -V. 1.8. 1.1. 1.2. 1.3. 1.4. 1.5. 1.6. 1.7. 1.8. 1.9. 1.10. 1.11. 1.12. 1.13. 1.14. 1.15. 1.16. 1.17. 1.18. 1.19. 1.20. 1.21. 1.22. 1.23. 1.24. 1.25. 1.26. 1.27. 1.28. 1.29. 1.30. 1.31. 1.32. 1.33. 1.34. 1.35. 1.36. 1.37. 1.38. 1.39. 1.40. 1.41. 1.42. 1.43. 1.44. 1.45. 1.46. 1.47. 1.48. 1.49. 1.50. 1.51. 1.52. 1.53. 1.54. 1.55. 1.56. 1.57. 1.58. 1.59. 1.60. 1.61. 1.62. 1.63. 1.64. 1.65. 1.66. 1.67. 1.68. 1.69. 1.70. 1.71. 1.72. 1.73. 1.74. 1.75. 1.76. 1.77. 1.78. 1.79. 1.80. 1.81. 1.82. 1.83. 1.84. 1.85. 1.86. 1.87. 1.88. 1.89. 1.90. 1.91. 1.92. 1.93. 1.94. 1.95. 1.96. 1.97. 1.98. 1.99. 2.00. 2.01. 2.02. 2.03. 2.04. 2.05. 2.06. 2.07. 2.08. 2.09. 2.10. 2.11. 2.12. 2.13. 2.14. 2.15. 2.16. 2.17. 2.18. 2.19. 2.20. 2.21. 2.22. 2.23. 2.24. 2.25. 2.26. 2.27. 2.28. 2.29. 2.30. 2.31. 2.32. 2.33. 2.34. 2.35. 2.36. 2.37. 2.38. 2.39. 2.40. 2.41. 2.42. 2.43. 2.44. 2.45. 2.46. 2.47. 2.48. 2.49. 2.50. 2.51. 2.52. 2.53. 2.54. 2.55. 2.56. 2.57. 2.58. 2.59. 2.60. 2.61. 2.62. 2.63. 2.64. 2.65. 2.66. 2.67. 2.68. 2.69. 2.70. 2.71. 2.72. 2.73. 2.74. 2.75. 2.76. 2.77. 2.78. 2.79. 2.80. 2.81. 2.82. 2.83. 2.84. 2.85. 2.86. 2.87. 2.88. 2.89. 2.90. 2.91. 2.92. 2.93. 2.94. 2.95. 2.96. 2.97. 2.98. 2.99. 3.00. 3.01. 3.02. 3.03. 3.04. 3.05. 3.06. 3.07. 3.08. 3.09. 3.10. 3.11. 3.12. 3.13. 3.14. 3.15. 3.16. 3.17. 3.18. 3.19. 3.20. 3.21. 3.22. 3.23. 3.24. 3.25. 3.26. 3.27. 3.28. 3.29. 3.30. 3.31. 3.32. 3.33. 3.34. 3.35. 3.36. 3.37. 3.38. 3.39. 3.40. 3.41. 3.42. 3.43. 3.44. 3.45. 3.46. 3.47. 3.48. 3.49. 3.50. 3.51. 3.52. 3.53. 3.54. 3.55. 3.56. 3.57. 3.58. 3.59. 3.60. 3.61. 3.62. 3.63. 3.64. 3.65. 3.66. 3.67. 3.68. 3.69. 3.70. 3.71. 3.72. 3.73. 3.74. 3.75. 3.76. 3.77. 3.78. 3.79. 3.80. 3.81. 3.82. 3.83. 3.84. 3.85. 3.86. 3.87. 3.88. 3.89. 3.90. 3.91. 3.92. 3.93. 3.94. 3.95. 3.96. 3.97. 3.98. 3.99. 4.00. 4.01. 4.02. 4.03. 4.04. 4.05. 4.06. 4.07. 4.08. 4.09. 4.10. 4.11. 4.12. 4.13. 4.14. 4.15. 4.16. 4.17. 4.18. 4.19. 4.20. 4.21. 4.22. 4.23. 4.24. 4.25. 4.26. 4.27. 4.28. 4.29. 4.30. 4.31. 4.32. 4.33. 4.34. 4.35. 4.36. 4.37. 4.38. 4.39. 4.40. 4.41. 4.42. 4.43. 4.44. 4.45. 4.46. 4.47. 4.48. 4.49. 4.50. 4.51. 4.52. 4.53. 4.54. 4.55. 4.56. 4.57. 4.58. 4.59. 4.60. 4.61. 4.62. 4.63. 4.64. 4.65. 4.66. 4.67. 4.68. 4.69. 4.70. 4.71. 4.72. 4.73. 4.74. 4.75. 4.76. 4.77. 4.78. 4.79. 4.80. 4.81. 4.82. 4.83. 4.84. 4.85. 4.86. 4.87. 4.88. 4.89. 4.90. 4.91. 4.92. 4.93. 4.94. 4.95. 4.96. 4.97. 4.98. 4.99. 5.00. 5.01. 5.02. 5.03. 5.04. 5.05. 5.06. 5.07. 5.08. 5.09. 5.10. 5.11. 5.12. 5.13. 5.14. 5.15. 5.16. 5.17. 5.18. 5.19. 5.20. 5.21. 5.22. 5.23. 5.24. 5.25. 5.26. 5.27. 5.28. 5.29. 5.30. 5.31. 5.32. 5.33. 5.34. 5.35. 5.36. 5.37. 5.38. 5.39. 5.40. 5.41. 5.42. 5.43. 5.44. 5.45. 5.46. 5.47. 5.48. 5.49. 5.50. 5.51. 5.52. 5.53. 5.54. 5.55. 5.56. 5.57. 5.58. 5.59. 5.60. 5.61. 5.62. 5.63. 5.64. 5.65. 5.66. 5.67. 5.68. 5.69. 5.70. 5.71. 5.72. 5.73. 5.74. 5.75. 5.76. 5.77. 5.78. 5.79. 5.80. 5.81. 5.82. 5.83. 5.84. 5.85. 5.86. 5.87. 5.88. 5.89. 5.90. 5.91. 5.92. 5.93. 5.94. 5.95. 5.96. 5.97. 5.98. 5.99. 6.00. 6.01. 6.02. 6.03. 6.04. 6.05. 6.06. 6.07. 6.08. 6.09. 6.10. 6.11. 6.12. 6.13. 6.14. 6.15. 6.16. 6.17. 6.18. 6.19. 6.20. 6.21. 6.22. 6.23. 6.24. 6.25. 6.26. 6.27. 6.28. 6.29. 6.30. 6.31. 6.32. 6.33. 6.34. 6.35. 6.36. 6.37. 6.38. 6.39. 6.40. 6.41. 6.42. 6.43. 6.44. 6.45. 6.46. 6.47. 6.48. 6.49. 6.50. 6.51. 6.52. 6.53. 6.54. 6.55. 6.56. 6.57. 6.58. 6.59. 6.60. 6.61. 6.62. 6.63. 6.64. 6.65. 6.66. 6.67. 6.68. 6.69. 6.70. 6.71. 6.72. 6.73. 6.74. 6.75. 6.76. 6.77. 6.78. 6.79. 6.80. 6.81. 6.82. 6.83. 6.84. 6.85. 6.86. 6.87. 6.88. 6.89. 6.90. 6.91. 6.92. 6.93. 6.94. 6.95. 6.96. 6.97. 6.98. 6.99. 7.00. 7.01. 7.02. 7.03. 7.04. 7.05. 7.06. 7.07. 7.08. 7.09. 7.10. 7.11. 7.12. 7.13. 7.14. 7.15. 7.16. 7.17. 7.18. 7.19. 7.20. 7.21. 7.22. 7.23. 7.24. 7.25. 7.26. 7.27. 7.28. 7.29. 7.30. 7.31. 7.32. 7.33. 7.34. 7.35. 7.36. 7.37. 7.38. 7.39. 7.40. 7.41. 7.42. 7.43. 7.44. 7.45. 7.46. 7.47. 7.48. 7.49. 7.50. 7.51. 7.52. 7.53. 7.54. 7.55. 7.56. 7.57. 7.58. 7.59. 7.60. 7.61. 7.62. 7.63. 7.64. 7.65. 7.66. 7.67. 7.68. 7.69. 7.70. 7.71. 7.72. 7.73. 7.74. 7.75. 7.76. 7.77. 7.78. 7.79. 7.80. 7

PERENNIS, Grun.-Atlas 156f4, 5:

PERICAVATUS, Br.-Bran & T. p. 12-3f7; Atlas 155f10; Det. Syll. p. 1875;

v. Oamaruensis, A.S., Atlas I7315;

Publ. 1961, Part 2, 17; 3. - 1962; 1963, 1964;

$\text{PFI}(\text{FI}) = \text{PFI}(\text{FI}) - \text{FI}(\text{FI})$; $\text{PFI}(\text{FI}) = \text{PFI}(\text{FI}) - \text{FI}(\text{FI})$

POLLARD, Ernest. - Atlas 1907; U.S.G.P.O., Wash., D.C., 1907.

10115 1.2.2;

PRAETOR, A.S., Atlas 100f5; Wollle pl.35f3; Def.S.p.1090;

PULCELLUS, Grd.-V. i. S. pl. 123f5; Wille pl. 103f7; (Polymixos ?)

v. tenera, Gro. & St. - J. R. C. 1337p. 142-1341; -(a. tener.)

PUNCTULATUS, Part. Ip. 62-8f 50; Notat. 1333p. 503;

QUATERNARIUS, E.-W. 1333; V.B.p. 134; K.S.A.p. 131; Weiss 1354, 241-4f

Simultrivianus C.W. Allen 29511; J. H. C. 195 p. 172
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RACENOSUS, A.S., Atlas 155f2:

RADIULATUS, Grd.-V.A.S.pl.122f5; Det.Syll.p.1337;

RAHAMUS, Castl.1337p.127-7f4; Notar.1339p.745; Wollf pl.7717;
Det.S.p.1373:

RANUNCULUS, Brin.-Atlas 155f1;

RETICULATUS, Pant.1p.33-7f53; Notar.1333p.603; Det.S.p.1375;

SCHEIDTII, Pant.2p.107; 3p. -4f35; Det.S.p.1375;

SCULPTILIS, A.S., Atlas 100f1,2; Pant.2p.103; Det.S.p.1339;

SEDENARIUS, E.-Kr.1341p.61-4f11; Mg.pls.13f26; 2If20; 33-15f4; K.B.
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Cey.p.37: (A.splendens; -A'cyclus.)

SEDUCTILIS, A.S., Atlas 29f12; 100f9-11; Witt 1335p.13-3f3;

Pant.2p.103; Det.S.p.1335;

SEMSEYI, Pant.2p.103; 3p. -4f33; Det.S.p.1335:

SENARIUS, E.-Inf.pl.2f5; Abh.B.1339p.41; Amer.pls.1-2f27; 1-3f21;
3-7f1; K.1340p.17-1f12,2; 13f18,19,20,21; 21f13,14; 13f11;
33-15f5; 33-13f3; 35A-17f4; 38-15f5; 1353p.33; K.B.p.134-11f21;
2If26; K.S.A.p.131; Mont.Fl.Alp.p.195; weisse 1354p.241-1f10; Grand
p.305-1f5; Prit.1.339-9f132; Jan.Gu.p.10-12,123; Breh.C.C.p.13; Ver.
p.10; E.Nord.pl.2f27; Carr.p.94; Abh.B.1343pp.10,13,34p.1.1(1)f27;
A.S.S.1344p.1f10; O'M.I.D.p.237; Pant.1.103:

(A.excellens; -A'cyclus.undulatus & s.)

" v.agnarius, O'M.I.D.p.237: (A.agn.)

" v.agnognarius, O'M.I.D.p.237: (A.agnogn.)

" v.vicagnarius, O'M.I.D.p.237: (A.vicagn.)

SEPTENARIUS, E.-Abh.B.1343; Mg.1353p.33; Jan.Gu.p.10:

SERUBSOLIANA, A.S., Atlas 29f11; 100f3-3; Witt 1335p.17-3f2;

J.Q.C.1335p.172; Pant.2p.103; Det.S.p.1333;

SOLIDUS, A.S., Atlas 11f1; Wollf pl.3512; 3513,14,15;

SPINIFR., Grd.-Atlas 130f23; 100f1.1333;

SPINIFR., Pant.3p. -4f15,1:

SPINIFRUS, Grd.-V.A.S.pl.121f5,6; Wollf pl.35f13:-(A.vulgaris,v.3)-

SPINOSUS, Ralfe, Prit.p.340: (A'cyclus.)

SPINULOSUS, A.S., Atlas 155f24;

SPONDENS, Shado.-Prit.p.340; Carr.p.94; London Clay; Dery Polar;

Ret.133p.10; Grd.133p.13; 13f13-15,16; 13f17,18,19; V.A.S.133p.133;
133p.133; Wollf; V.A.S.p.211-119f1,2,3; J.Q.C.133p.172; 133p.133; 133p.133;
Pant.1p.33-13f140; Malaisie; 1; Atlas 155f13; Villef.1.
70; Wollf pl.92f9; Pant.2p.103; Det.S.p.1335:

(A.splendens; -Actinophacelus.)

" var., A.S., Atlas 155f13,17;

" v.Californica, Grd.-V.A.S.pl.120f1; J.Q.C.133p.172; Wollf pl.
92f11; Pant.2p.103; Det.S.p.1330;

" v.cruceifera, Grd.-V.A.S.pl.120f2; Atlas 155f13,19; Det.S.p.1333;
Wollf pl.92f10:

" v. glabrata, Pant.1p.33-13f133,145; (A.glab.)

" v. halysix, Grd.-V.A.S.pl.119f3; 120f3,5; Malaisie; Villef.1.70;
Atlantic City; Wollf,92f12; Pant.2p.103; Det.S.p.1330:-(A.halysix.)

Aplous,
" var. *Nicobarica*, Gn. - V.H.S. 1234. Det. Syllip. 1386: PRC. Esp. 172.

Snavis. Bn. - Lib. vol. 2, Th. 22p. 236.

- v. nobilis, Pant. Ip. 63-13f147; Det. Syll. p. 1335;
 v. palatilis, Pant. Ip. 63-13f144; Det. Syll. p. 1335;
 STAUBII, Pant. 2p. 103; 3p. -6f33; Det. S. p. 1333 (A. cathartalis.) ---
 STELLA, A.S., Atlas 90f1, 2: 132123; Pant. 2p. 109; Det. S. p. 1390;
 (A. Moronensis, v.) --
 v. Thunii, A.S., Atlas 90f3, 4; 100f3; Pant. Ip. 63-3f35; 2, 1. 109;
 Det. Syll. p. 1390;
 STURII, Pant. Ip. 64-3f31; Notul. 1333p. 310; Det. S. p. 1333;
 SUBANGULATUS, A.S., Atlas 132f11; Det. S. p. 1339;
 SUBTILIS, E. -Ann. Ber. 1721. 113; Det. S. p. 1341;
 SUMATRENSIS, Fortm. -Malaisie; Det. Syll. p. 1339;
 SUMISSIMUS, A.S., Atlas 1f13; Brun & T. p. 33; Det. S. p. 1339;
 (Omphalopelta punctata.)
 SUPERBUS, Bailey Coll.: Det. Syll. p. 1391;
 SUTTORI, Pant. Ip. 64-3f34; Notul. 1333p. 310; Det. S. p. 1373;
 SZONTAGII, Pant. 2p. 109-2f121; Det. Syll. p. 1374;
 v. minor, Pant. 2p. 109; Det. S. p. 1379;
 TENER, Gio. & St. -Atlas 132f12; Det. S. p. 1333 (A. filicollis, v.) ---
 TERNARIUS, E. -Kr. 1333p. 73-4f11g; W.B. p. 134-1f19; W.S.A. p. 130;
 weisse 1354p. 241-1f9a; Prit. p. 339; (A. quinarius.) -
 TERNATUS, E. -Jan. Grano p. 10-A, f11;
 TRIGONUS, A.S., Atlas 1f24; Woll. pl. 35f11; (Schistocia)
 TRIFOLIATUS, McNeill. -Mobile List: -
 TRIFOLIUM, Brun & T. p. 13-7f3; Atlas 155f12; Det. Syll. p. 1330;
 TRIFURCATUS, Brun & T. p. 13-7f2; Atlas 153f9; Det. S. p. 1374;
 TRILINGULATUS, Brtw. -Prit. p. 340; Atlas 1f20; Fortm. Cey. p. 39;
 Malaisie: (Actinocyclus; -Schistocia)
 TRILUNATUS, Brun. -LeD. No. 121. 174-24f3; Det. S. p. 1375: -(A. maculosus.) ---
 TRIVOLVA, Brun, 139 Ip. 3-11f9; Det. Syll. p. 1331;
 TRUANII, A.S., Atlas 109f14; Det. S. p. 1390;
 v. vittata, Pant. Ip. 63-7f57; Det. S. p. 1390;
 TSCHESHTNOVII, Pant. 2p. 109-17f233; Det. Syll. p. 1373;
 TUBEROSUS, Fortm. Cey. p. 71-3f31; Det. S. p. 1377;
 TURGIDUS, Temp. & Br. -Atlas 173f1;
 UNDULATUS, E. -Prit. p. 339-5f33; Jan. & R. p. 3-3f12; Jan. Gr. p. 10-B, f4;
 2a, f9; M.D. pl. 19f7; Schum. 1337p. 64; R.E.D. p. 35; Gran. 1333p. 25; New
 Zealand; Schm. N.D. pl. 3f29, 30; Floegel, Baltic; Petit Cat. p. 40; Mimou;
 Deby Polar; Breb. Verm.: Fortm. Cey. p. 39; Cl. Java p. 5; 1373p. 3; 1373
 p. 13; Vega p. 437, 514; Lagr. 1375p. 13; M.T. P. 4-3-2; Malaisie; Mobile;
 Atlas 1f1-4; 109f1; 132f16; 153f25; V.H.S. p. 210-22b, f14; 7. 514; J.
 Q.C. 1335p. 172; Italy; Parag. p. 73; Brun & T. p. 33; Atlantic City; A.
 M.M.J. 139 Ipl. 2f44; Woll. pls. 74f12; 92f4-6; Pant. 2p. 109; Det. Syll.
 p. 1372: (H.S. 122f1, 3: - (Actinocyclus a. & inuatus; -A. biternarius, biter-
 natus, constrictus, denarius, omphalopelta; -Omphalopelta areolatus.) ---
 Ce. 1397p. 19; Can. 1397p. 19;
 v. Barbadosensis, Gran. -Atlas 1f5;
 v. maxima, A.S., Atlas 91f5;

- v. microsticta, Gr. n. - V. H. S. p. 1211 4; ~~W. H. S. p. 1211~~
- v. Montereyana, A. S., Atlas 16: Brun & T. p. 63;
- v. subtilis, Pant. 2p. 109; Det. S. p. 1373;
- v. turgida, Brun & T. - Atlas 155f3;
- v. verrucosa, W. & C. Ip. 6-2f8; Wille pl. 73f13; (A. unguiculatus.)----
- VANHEURCKII, Pant. Ip. 64-25f228; Notar. 1333p. 610; Det. S. p. 1333;
- VELATUS, E. - Ach. 361. 1341p. 75; K. S. A. p. 130; Prit. p. 339;
- Det. Syll. p. 1391: (Actinocyclus trilobatus.)---
- VICENARIUS, E. - Ach. p. 122; Ach. 361. 1341p. 410; W. H. S. p. 1312; K. S. A. p. 131; Prit. p. 340; Weisse G. p. 305; O'M. I. O. p. 267; Det. Syll. p. 1391: (A. senariis, var., & splendens.)-

Wiesflogia
 A. V., Atlas pl. 15/12.
 Fortm Ceyl. 70

- Wiesflogia ~~det. 12-1-19~~ ~~det. 12-1-19~~
- var. australis Gr. n. - V. H. S. p. 1211 5
 - v. designata, Pant. Ip. 65-23f2047; Det. S. p. 1373;
 - v. neogracilis " Ip. 65-22f199; Det. S. p. 1355;
 - v. tropicus B. n. - Det. S. p. 1355;
 - v. virginica Gr. n. - V. H. S. p. 1211 7; Det. S. p. 1355;

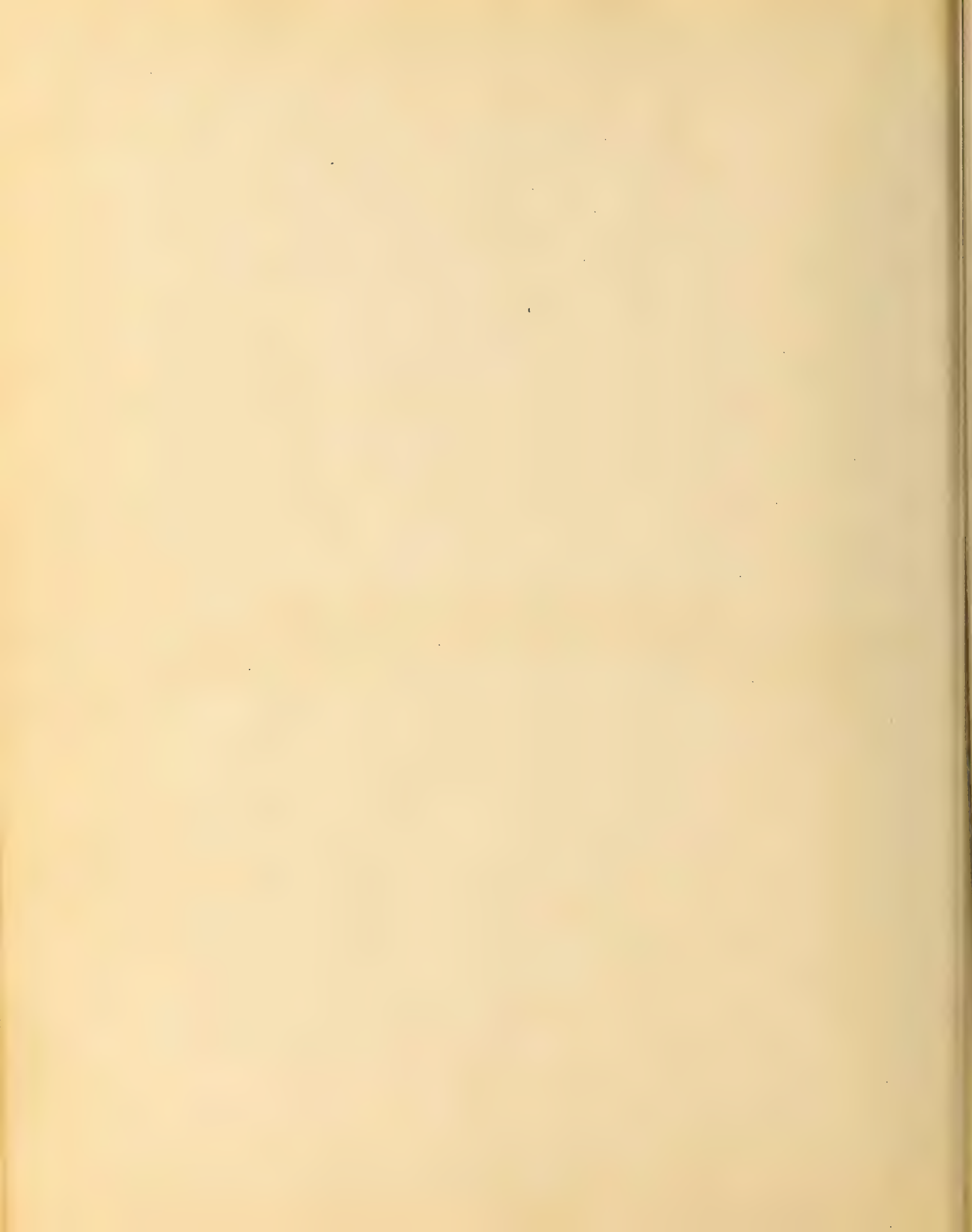
Wiesflogia ~~det. 12-1-19~~ ~~det. 12-1-19~~

- v. neogracilis, Pant. 2p. 109; Det. S. p. 1373;
- v. subtilis, Pant. 2p. 109; Det. S. p. 1373;

Amblyanthura.
Subgenus Anthura: vide Cl. Nav. p. 1312-1893.

Amphidiscus. - (Ehr., 1839.) ~

Vireo (L. H. 1839: 26) *viridis*. - (Ehr. - *Diadema* acutus.) ~



Amphipetia

--' Le D. vol. 2, no. 2 p. 172-11f 15: 12f 8:

hungarica, Pant. - Cl. Star. p. 127: - (Berk.) -

Lindheimeri (Spellvar.) - Carp. 1891 pl. 11f 4

micans, Synq. - Cl. Har. p. 126: - (Bongia: - Berk. & m.,
adriatica, pusilla.)
" var. fragilis, Grw. - Cl. Star. p. 126: - (Berk. & m., f.)

pellucida, J. Q. C. 1884 p. 177 f. 6, 3-5 m. Carp. 1891 pl. 11f 4
" var. brasiliensis, Cl. Har. p. 126: - (A. Lindh., pp.)
" v. intermedia, Grw. - Cl. Star. p. 126: - (A. int.)
" v. Lindheimeri, Grw. - Cl. Har. p. 126: - (A. Lindh.)
" v. maxima, H. S. I. - Cl. Har. p. 127: - (A. max.)
" v. Oregonica, Grw. - Cl. Star. p. 126: - (A. Ore g.)
" v. recta, Hutton. - Cl. Har. p. 127: J. Q. C. 1884 p. 177 f. 4, 1 m.
" v. Schumannii, Grw. - Cl. Star. p. 127: - (A. pell. Schum. - A. Schumannii.)
" v. Tremani, V. H. - Cl. Har. p. 127: - (A. pell. var. - A. Lindh., v. Fr.)

reticulans, Trentepohl. - Cl. Star. p. 126: - (Oestrup 1897 p. 31 f. 4. Conferva: - Schiz. Dillwynii;
Berk. & m. - Berk. obtusa var. Adriatica.)
" var. antarctica, H. S. I. - Cl. Star. p. 126: - (Berk. & m., Lindh.,
Harveyana, pusilla.)

SCHUMANNII, Grun.-M.M.J. 1877¹² p. 180; Det. Syll. p. 225: -(*A. pell.*, var.)
 SICHU, Grun. 1851 p. 438; Det. S. p. 226: (Sichuella.)
 SIGMOTICHA, S.B.D. 11.45-15f128; Breb. D.C. p. 18; M.D. pl. 12f7; Girard
 Ross. p. 12-3f5; Hull; Fortm. Cey. p. 39; Floegel, Baltic:
 (*A. rigida*; -*Nitzschia sigma*, v.)
 TRIBIANA, -Truan 1883: Vide Det. Syll. ^{p. 227} -- (*A. Lindeheimeri*, v. *Tsuani*)
 SULLIVANIA, ?-Det. Syll. p. 227: -(*A. Lindeheimeri*.)
 WEISSFLOTHII, Grun.-M.M.J. 1877¹² p. 180-195f14; Det. S. p. 225; Woll. pl. 3f16;
 Cl. Nav. p. 127: -

AMPHIPLEURA.-----

--, Monog. A.M.D. p. 488: --, Bail., Am. Nat. 1868 p. 510-13f22:
 --, T.M.S. 1857 p. 73-1f39; --, Led. Vol. 2 p. 51-54:
 AMPHICAMPUS, Cl.-De Toni Syll. p. 335: -(*A. gigantea*, var., & *Amphicampa*.) ---
 ALATA, E.-K.B. 1.107-3f38; K.S.A. p. 93; Britw. Inf. fauna pl. 10f1(3); S.
 B.C. 1.1.44-15f124; Fortm.; A.M.N.H. 1856 p. 1; Rabh. Alg. Eur. 741, 1063 sub;
 Prit. 1852 pl. 10f5, 7; Breb. D.C. p. 18; Bail. M.O. f8-10; Grun. 1830 p. 533;
 Prit. p. 921-13f5-7; Heib. p. 91; A.M.N.H. 1855, 3-1f55-58; Carr. p. 113;
 N. & R.S. p. 71; Roper, Thames; Hull; Eiben, 1870; Woll. pl. 1873 p. 31;
 Floegel, Baltic; Pet. Nimrod; Sm. Sp. 1.20; M.T.P. 3-5-5; Cl. 1830 p. 32; V.
 H.S. p. 121-22f11, 12; T. 195; Dannf. p. 34; Perag. p. 64; Villef. p. 55; Det.
 Syll. p. 331; Woll. pl. 2f20, 21; Truan 1835 p. 53-4f3; Malaisie:
 (*A. plicata*, *striolata*; -*Amphicampa*, *Amphitropis*, *Entomoneis*, *Navicula*)
 ANTARCTICA, Grun.-Cl. & M. 125¹²; Det. S. p. 343; -(*Tropidoneis*.)
 + ARENARIA, Breb.-Rab. Alg. 215¹²; Heaw. 1870 p. 73; Det. S. p. 340;
 BALEARICA, Cl. & M. 154¹²; Vega p. 506: -(*A. gigantea*, v. ¹² *A. sulcata*, v.)
 BALTICA, Pfitzer.-Pet. Class. f10; T.M.S. 1877 pl. 187f10: -(*Anomoeoneis*.)
 BISERIATA, O'M.-M.J. 1871 p. 22-3f4; Heaw. 1871 p. 37; Det. S. p. 339;
 BULGARICA, Part. 31. -42 1877:
 CALUMETICA, Thomas.-Lake Michigan: Woll. pl. 43f22-24;
 Det. S. p. 343: (A. lepidoptera.)
 CAMPECHIANA, Grun.-Cl. 1830 p. 66; Det. S. p. 340;
 CHALLENGERI, Grun.-Cl. & M. 125¹²; Cl. 1830 p. 64; Det. S. p. 331;
 CHINENSIS, Grev.-A.M.N.H. 1855 p. 7-5f13: (A. Sinensis.)
 CLEPSYDRA, Grev.-Trans. Bot. S. Ed. 1853 p. 541-12f20; Det. S. p. 337;
 COARCTATA, Brun & T. p. 14-3f12; Det. S. p. 340; -(*Auricula*.)
 COMPLEXA, Breb. D.C. p. 18; Greg. D.C. p. 3-4f32; Prit. 1.922; Carr. p. 113;
 R.E.D. p. 256; Grevillea 1874 pp. 38, 39 cum icone; Malaisie:
 (*Auricula*; -*Palmeria vulgaris*.)
 CONSERTA, Lewis.-N. & R.S. p. 63-1f5; Woll. pl. 107f3, 4: (Amphora.)
 CUSPIDATA, Grev.-T.M.S. 1851 p. 33-10f16; V. U.S. 1.22(2)f3;
 Woll. pl. 2f16; Det. S. p. 335: Cl. Nav. p. 16: (A. pulchra, v.)
 CUSPIDICHA, E.-Amer. 1.122, 11.2-3f26; K.B. 1.107-29f34; K.S.A. 1.93; S.
 B.C. 1.1.44-15f123; Prit. 1852 pl. 10f10; 1851 p. 922-12f1; Breb. D.C. p. 18;
 Grun. 1830 p. 533; Heib. p. 91; R.E.D. p. 253, f30; Hull; Eiben, 1871; Fortm.
 Cey. p. 39; Sm. Sp. 1.21; Woll. pl. 2f14, 15:
 (*A. pulchra*; -*Navicula*; -*Stenoneis amphoroides*.)
 CORNUA, W. & Chase 11.2-1f6; J.O.C. 1837 p. 73; Det. S. p. 343;
 Det. Cl. 1833 p. 35, Nos. 15, 16:

Q. muhlenbergii (*Q. muhlenbergii*)

Q. alata, Cl. Nov. p. 15:

" *Q. alata*, Cl. Nov. p. 15.

" *Q. alata*, Cl. Nov. p. 15-16.

" *Q. alata*, Cl. Nov. p. 15.

Q. Michauxiana, Grav. - Cl. Nov. p. 17-18: Grav., Edinb. N. H. J. 1863 p. 578-1578:

- COSTATA, O'M.-M.J. I339p. I5I-I2f6; Wollé pl. I07f5; Mobile;
 Def. Syll. p. 343;
 CRENULATA, Tempere.-Led. Vol. 2p. 50-9f9, IO: *cl. nar. p. 16*;
 DECUSSATA, Gr. -Cl. I330p. 33; V. A. S. pl. 22f13; Thian I335p. 53-4f1;
 Wollé pl. 2f19; Pant. 2p. 55; Malaisia; Def. S. p. 333; - (*A. gigantea*, var.)
 + " v. 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

+ deusseni

" septentrionalis - gigantea

1885

+ Deussenii, Cl. Nav. p. 15. Le D. vol. 2, n. 19 p. 146-9 f 10, 11;

+ Elegans (Tropidoneis) Jovan 1885 p. 53-4 f 14;

+ gigantea

" var. squamulata, Cl. Nav. p. 18. (Cl. helicina - Stimp n. 1)

" v. decussata, Gr. - Cl. Nav. p. 18.

" " septentrionalis, Gr. - Cl. Nav. p. 18: Westw. 1897 p. 309 non Stimp.

" " decussata (H. - Cl. Nav. p. 18, 19. deusseni (pelagica))

" " talitensis, Gr. - Cl. Nav. p. 18.

hyalina, Gr. - A. M. N. H. 1885 p. 6-5 f 11;

+ Kjellmanni

" var. glaciata, Cl. Nav. p. 16. Stimp 1897 p. 309.

" v. hantoni, Gr. - Cl. Nav. p. 16.

" " clausi, Gr. - Cl. Nav. p. 17.

" " subtilis, Gr. - Cl. Nav. p. 17: (a. Kar. v.)

- 30; V.H.S.p.120-2212, 3; T.197; Shain River; Mobile; Parag.1.35; Del.
 S.p.323; Villef.1.55; Wolle pl.2f3; Truan 13351.53-4f7; Reinhard;
 Malaisie; -(*Tropidoneis*: *Scolistropis*, sp. - (A. Calimetic; - Nav. Arctica.)) --
 " v. pusilla, Gru.-V.H.S.p.120; Del.S.p.323: (A. pusilla.)
 " v. Quarnerensis, Gru.-Cl.1330p.65; Del.S.p.323: (A. Quar.)
 " v. Sarawensis, Gru.-Cl.1330p.65; Del.S.p.329:
 (A.; Killa, var., & Sarawensis: *Tropidoneis* L. var.)
 " v. dubia, Gru.-Trans. Bot. S. Am. 1330p.540-4f19; Del.S.p.337 (Amph. 12.)
 " v. dubia, Cl.1370p.20-3f15; 1330p.54; Vega p.477; Nares; Del.S.p.330;
 MARINA, W.S.-Eiben, 1871: -(Amphora.)
 MAXIMA, Greg. D.C.p.35-4f6I; Prit.1.922; Carr.1.113; Jan. & R.1.3-2f4;
 R.E.D.p.255; Cl.1330p.250; Vega p.477; 1330p.55; Lens 21.39, No.91;
 Cl.1370p.5f; V.H.S.p.120-2214, 5; Parag.1.35; Villef.1.55; Malaisie;
 Wolle pl.2f17, 18; Del.S.p.329; -(*Tropidoneis*: - (Amphora 30618, 1.1.))
 " v. dubia, Gru. & Cl.-1330p.35-5f39; Vega p.477; Del.S.p.329: -(*Tropidoneis* m. var.)
 MEDITERRANEA, Gru. 1330p.569-5f3; R.E.D.p.255; V.H.S.p.1.22f14;
 Malaisie; Parag.1.35: -(*Tropidoneis* vitrea, v. - *Plagiotropis*: - (A. plicata.)
 MEMBRANACEA, Cl. Java p.12-2f18; Del.S.p.336; -(*Tropidoneis*.)
 MEXICANA, Gru.-Trans. Bot. S. Am. 1330p.577-15f7; Del.S.p.341; *cl. Nav. p.17*
 MINOR, Greg.-T.H.S. 1357p.75-1f33; Prit.p.922; Carr.p.113; R.E.D.p.
 255; Del.S.p.11.1.342:
 " v. dubia, B.-M. 1.1.12; 1.1.13.2-2f19; 3-3f18-e; 5-1f10, 1f11, 1f12;
 4-2f13; 5-1f10; 13-3f30; W.S.A.1.107; V.S.A.1.93; Prit.1.923:
 (Navicula semen.)
 NERIS, Davis.-T.H.S.1.54-1f6; Wolle pl.1f12; Del.S.p.333; (*A. paludosa*, 5)
 NITIDA, Gru.-Trans. Bot. S. Am. 1330p.540-4f13; Del.S.p.337;
 NITZSCHIA, O'M.-M.O. 1371p.22-3f2; New. 1871p.87; Del.S.p.339;
 NITZSCHIOIDES, Cl. 1370p.20-4f13; Nares; Doby Fold.p.10:
 (Nitzschia amphiprora, Gru.)-
 OBTUSA, Gru.-T.H.S. 1330p.20-1f15; Del.S.p.333; -(*Tropidoneis maxima*)
 OBTUSA, Greg. D.C.1.34-4f30; Prit.1.922; Carr.p.113; R.E.D.p.255; *Scolistropis*
 A. Schum.N.D.1.31I; Cl.1330p.65: (Nav. Arctica.)
 ORTUSATA, Gru.-Cl.1330p.63; Del.Syll.p.338;
 ORNATA, Bailey M.O.p.38-2f15, 23; Prit.p.922; Sr.S.1.24: V.H.S.p.
 121-22(2), f5; Lake Michigan; Wolle pls.2f12, 13; 43f21; Cl.139Ip.
 54; Del.S.p.335:
 PALUDOSA, S.B.D.1p.44-3f269; Prit.p.922; Gru.1330p.563; Schum.1362,
 p.190-9f53; Carr.p.113; Eulst. Sp.1.3; N. & R.S.p.66; Rabh. Alg. sub No.
 502; Hill; Sr.S.1.25; T.H.S.1377p.1.137f20; Petit Class.130; A.S.M.
 1877p.101; V.H.S.p.121: T.No.196; Cl.1330p.62; Nares; Vega p.
 477; 139Ip.54; Wolle pl.2f22, 23; Parag.p.64; Del.S.p.331; Dannf.1.
 34; *cl. Nav. p.14*: *Detr. 1897p.309*: - (Amph. 12.; - Amph. 12. tropis.)
 " v. borealis, Gru.-Cl.1330p.62-4f35; Vega p.477; Del.S.p.331; *cl. Nav. p.15*:
 " v. duplex, Donk.-V.H.S.p.121-22f15, 16; T.416; Vega p.477: -(Amph. a.)
 " v. hyperborea, Gru.-Cl.1330p.62-5f39; Vega p.477; Del.Syll.1.332;
 > Gru.1334p.54-1f51; *cl. Nav. p.14-5f86*:
 + " v. Pokornyana, Gru.-Cl.1330p.63; Vega p.477; Del.S.p.332: -(A. Pok.)
 " v. punctulata, Gru.-Cl.1330p.62-4f34; Vega p.477; Del.S.p.332;
 > Gru.1334p.53-1f54; *cl. Nav. p.15*:

+ *longa*, (Proflutacea.)

longa-punctata Cl. Nov. p. 17-18:

+ *fulvosa*

" var. *H.V.N.S. 22 f 10*: (Cl. Nov. p. 14-15: *Cl. Nov. p. 14*.)

> " *fricana*, *Fr.* - Cl. Nov. 196: Cl. Nov. p. 14:

> " *siensis*, Cl. Nov. p. 14:

> " *latata*, *Pant.* - Cl. Nov. p. 15:

+ " *duplex*, *Donk.* - Cl. Nov. p. 15: - (a. duplex.) *Oestrup* 1897 p. 309:

> " *galina*, *Donk.* - Cl. Nov. p. 15:

> " *galina*, *Donk.* - Cl. Nov. p. 15:

> " *galina*, *Donk.* - Cl. Nov. p. 15: (a. duplex.) *Oestrup* 1897 p. 309:

+ " *galina*, Cl. Nov. p. 15: Cl. Nov. #256:

> " *galina*, Cl. Nov. p. 14-15:

53--

cl. nav. 2
p. 29:-

Ch. nar. }
P. 29. }

rugosa, J. m. l. 1878 p. 242-15 f. 7: D-T 2 p 3-5.

ALBANTICA, Castr.-Det.Syll.p.906:-(Triceratium.)
BALEARICA, Cl.-Det.S.p.902:-(Tric.)
BASILICA, Brun.-Det.S.p.910:-(Tric.)
BICORNIS, Cl.-Det.S.p.902:-(Tric.)
BIQUADRATA, Jan.-Det.S.p.909:-(Tric.)
BLANDITA, Grev.-Det.Syll.p.905:-(Tri.)
CANALIFERA, Br.-Det.S.p.901:-(Tric.)
COERULESCENS, Pet.-Det.S.p.909:-(Tric.)
CONCILIATA, Pant.-Det.S.p.903:-(Tric.)
CORNUA, Grev.-Det.S.p.907:-(Tric.)
CRUCIATA, Jan.& R.p.4-If5; R.E.D.p.309; Det.S.p.905;
CRUCIFERA, Witten.-S.G.1357p.271,f235; Prit.1.353; R.E.D.1.313;
Det.Syll.1.903;
CRUCIFORMIS, A.S.-Det.Syll.p.910:-(Tric.)
CRUX, Brtw.-M.O.1359p.131-9f13; Prit.p.353; R.E.D.1.313; Det.S.1.
903:-(Tric.bisileum.)
CULTUS, A.S.-Det.Syll.p.910:-(Tric.)

- CUSPIDATA, Jan.-Det.Syll.p.910:-(Triceratium.)
 CUSPIDATA, Bail.-B.J.N.H.133Ip.331-If2,3; Det.S.p.909:-(Tric.ravis.)
 DISSIMILIS, Grun.-Det.S.p.910:-(Tric.)
 DUTERTREI, Pt.& Temp.-Det.S.p.907:-(Tric.)
 ELEGANS, Grev.-T.M.S.1333p.9-2f24; Wollé pl.34f35; Det.S.p.907:
 FAVOSA, Harv.& B.P.173-9f13; Prit.p.353; R.E.D.p.313;
 Det.S.p.905:-(Tric.)
 GEMMATA, E.-Abh.Ber.1353p.423; Det.S.p.907:
 GRAEFFIANA, Witt.-J.M.G.1373p.39,f2; Atlas 79f1,2; Det.S.p.903:
 Brun & T.p.33;
 GREVILLEI, DeToni Syll.p.903:-(A.parvula,Grev.)
 INCONSPICUA, Grev.-Det.S.p.905:-(Tric.)
 INGLORIA, Grev.-Det.S.p.902:-(Tric.)
 INTERMEDIA, Gro.& St.-Det.S.p.903:-(Tric.)
 JEREMIANA, A.S.-Det.S.p.910:-(Tric.)
 JUNCTA, A.S.-Det.S.p.909:-(Tric.)
 KUSNETZKIANUM, Pant.-Det.S.p.903:-(Tric.)
 LAMPRODICTYA, E.-Abh.Ber.1360p.322; Det.S.p.909:
 LANCEOLATA, Pant.-Det.Syll.p.903:-(Tric.)
 LATA, Grev.-Det.S.p.901:-(Tric.)
 LEPTOPIS, E.-Abh.Ber.133Ip.293; Det.S.p.909:
 MAMMILARIS, E.-Abh.Ber.1372pl.9f9; Det.S.p.909:
 MARGARITIFERA, Cl.-Det.S.p.901:-(Tric.)
 MINUTA, Grev.-T.M.S.133Ip.77-9f11; R.E.D.p.313; Atlantic City;
 Wollé pl.34f10; Det.S.p.904:-(Bidd.decepiens.)
 MORTIMERI, ?; Det.S.p.909:
 NOBILIS, Grev.-T.M.S.1335p.105-9f27:0000
 OCULATA, Grev.-Det.S.p.907:-(Tric.)
 ORNATA, Shaub.-T.M.S.1354p.13-If10; Prit.p.353; R.E.D.p.313:
 Fortm.Cey.p.33; Wollé pl.103f4:
 (A.arisata;-Bidd.:-(Tric.pentacrinus;-4-sided.)
 v.pentagona, Prit.p.353-3f13; S.G.1337p.272,f233:
 PARALLELA, E.-Abh.Ber.1340p.205; Kzeid.p.33; K.B.p.35; K.S.A.p.131;
 E.M.pl.19f20a,b; Prit.p.353; R.E.D.p.313; Det.S.p.903:-(Tric.)
 PARVULA, Grev.-Trans.Bot.S.Ed.1333p.5374ff12; Jan.& R.1.4-If4;
 R.E.D.p.313:-(A.Grevillei.)
 PERRYANA, Truan & W.-Det.Syll.p.907:-(Tric.)
 PETHOEI, Pant.-Det.S.p.903:-(Tric.)
 PRODUCTA, Grev.-T.M.S.1332p.94-9f11; R.E.D.p.313; Det.S.p.902:
 PULCHELLUM, Grun.-Det.S.p.909:-(Tric.)
 PULVILLUS, Castr.-Det.S.p.902:-(Tric.)
 PULVINAR, A.S.-Det.S.p.910:-(Tric.)
 PUNCTATA, Grev.-T.M.S.1332p.94-9f3; R.E.D.p.313; Det.S.p.901:
 (Tric.guttatum.)
 QUADRANGULARIS, Grev.-Det.S.p.904:-(Tric.)
 QUADRICORNIS, Grev.-Det.S.p.901:-(Tric.)
 QUADRINOTATUM, A.S.-Det.S.p.910:-(Tric.)
 RADIATA, Grev.-T.M.S.1332p.23-3f7; R.E.D.p.313; Det.S.p.904:
 RECTANGULARIS, Gro.& St.-Det.Syll.p.903:-(Tric.)
 RIVALE, A.S.-Det.S.p.910:-(Tric.)

Atlas 26 f 40 = *A. orum*, Cl. — Atlas 27 f 9 = *A. proteus*, v. *Contigua*, (Cl.)

" 26 f 111 = *A. orum*, v. *Leyce* — " 39 f 27 = *A. Egeria*; —

" 25 f 76, 77 = *A. bigibba* — " 27 f 51 = *A. Schmittii*; —

" 25 f 85, 86 = *A. sturpoma* — " 25 f 5 = *A. unguata*, var. *Eul.* }

" 25 f 4 = *A. majellana* — " 39 f 13 = *A. millera* —

—, vill. f. p. 40-3 f 26: — (*A. Benigalli*, Cl.)

uenta, Gg. — (*A. nobilis*, Gg.)

" var. *arcuata*, A.S.; Cl. Nav. 2p. 128: — (*A. arcuata*.)

" " *labyrinthica*, Gm., Cl. Nav. 2p. 128: — (*A. m. laby.*)

AMPHITETRAS.---

- SIDEREUM, A.S.-DeT.Sy71.p.910:-(Triceratium.)
- STURTHII, Pant.-DeT.S.p.903:-(Tric.)
- SUBCORNUTUM, Gran.-DeT.S.p.909:-(Tric.)
- SUBROTUNDATA, Jan.-DeT.S.p.909:-(Tric.)
- TESSELATA, Shadb.-T.M.S.1354p.13-1f11: DeT.Syll.p.906:
(A.antediluviana.)
- TETRAGONA, Pant.-DeT.S.p.903:-(Tric.)
- UNGUICULATA, Grev.-DeT.S.p.904:-(Tric.)
- VERSICOLOR, Brun.-DeT.S.p.910:-(Tric.)
- WILKESII, Bailey & H,p.174-9f1,2: Bailey Coll.: DeT.S.p.906:
(Tric.Arcticum.)
- ZONATULATA, Grev.-DeT.Syll.p.900:-(Triceratium.)

AMPHITRITE.-(C.C., 1878)-

- COMPLEXA, Greg.-Cleve 1373p.19:- (Amphiprora.)

AMPHITROPIS.-(Pfitz., 1862)-

- , Pfitzer p.94:
- ALATA, Gran.-*involuta* S. + C. 1868 (Amphiprora.)
- CONSPICUA, Gran.-
- DECUSSATA, Gran.-
- DUPLEX, Gran.-V.H.S.
- GLACIALIS, Cleve.-
- KARIANA, Cl.-
- KJELLMANNI, Cl.-
- HYALINA, Gran.-
- ORNATA, Gran.-
- PALUDOSA, Pfitzer p.94; Cl. & M.No.256; *disrupta*
- PULCHRA, Gran.-
- STRIOLATA, Gran.-(*in cl. 1862*) (Amphiprora.)

AMPHORA.-----(*Ehr., 1838*)

- Meneg.A.M.D.p.423: A.M.N. 1.13531.1: *G. m.*
- , Pfitzer p.31-3f49:-(*a. ovalis*) Tanarek p.43:
- , B.S.B.1379p.5, f1-3: Jan.Gaz.pl.22f4-7, 43, 44, 49:
- , Villef.p.40-3f26:-(*a. longicauda*) --, DeLongi Oss.Bac.p.399:
- , A.S.Atlas 25f4, 5, 12, 13, 21, 23, 39, 60, 63, 64, 73, 77, 34-35-36: 26f4, 11, 12, 25, 34, 40, 43, 64, 69, 70, 71, 93-95, 102:
- 27f4, 9, 10, 19, 34, 42, 43, 45, 50, 51, 53, 56, 59-62, 64: 39f13, 14, 21, 22, 27:
- 23f21-23, 23: *Cl. Har. 2p. 99!*
- 40f24, 34:
- ABBREVIATA, Bleisch.-Rabh.Alg.No.1439; Lens Vol.I, p.31:
(*A.ovalis*, v.: -*A.affinis*, K.)
- ACUTA, Grev.D.C.p.52-5f93; 6f93b: Prit.p.331; Carr.p.101; R.S.D.p. 33: Cl.1333p.237; 1373p.22; Vega p.461; Petit Cat.p.13; Wigel, Baltic; Lagr.1373p.54; Lens II.31-34, No.51; Atlas 26f19, 20; 31-32: Fortm.Cey.p.15; Villef.p.41; Malaisie; DeT.Syll.p.331: *Cl. Har. 2p. 128*
- " v.neogena, Pant.2p.35; 3p.2. -12f137: DeT.Syll.p.331: *Cl. Har. 2p. 128*
- Cl. Har. 2p. 128: Deshay 1897 p. 326:*

a. v. ..., En. - Cl. Nav. 2p. 121: - (*a. lineata*, v.)
" var. *sebastriata*, En. - Cl. Nav. 2p. 121: - (*a. lineata*, v.)

sebastriata, Cl. - Le D. vol. 2p. 146-9 figs. 11; Nav. 2p. 118;

Alata, var. *aptera*, Cl. Nav. 2p. 115:

" var. *major*, Cl. Nav. 2p. 115:
amphitritis, Berag. Herb.; Det. S. p. 346: - (*amnicula* n.)

> *andesitica*, Pant. 3pl. 13 figs 25: Cl. Nav. 2p. 141:

angusta, - (*a. eul. v. Foss.*; - *Cymbella marina*:
" *forma minor*, A.S. Atlas 26 figs 66; - (*a. cymbelloides*); - (*a. oblongella*: -
" *v. oblongella*, En. - Cl. Nav. 2p. 135:
" *a. ang. v. Arctica*; *a. exigua*, p.p.: - *a. lanceolata*, v. *minor*:
" *v. Eulensteinii*, En. - Cl. Nav. 2p. 135: - (*Am. Eul.*; - *atla*, 2 figs 53;
" *v. diducta*, A.S. - Cl. Nav. 2p. 135: - (*am. dis.*; - *a. cymbelloides*, *platan*:
" *v. ventricosa*, Gg. - Cl. Nav. 2p. 135: - (*a. ventric. lanceolata*; cum icones;
" *Cymbella corymbosa* & *marina*,
" *v. incurvata*, En. - Cl. Nav. 2p. 136: - (*a. lanc. var. inc.*)
" *v. Zelbrina*, A.S. - Cl. Nav. 2p. 136: - (*am. Leb.*)
" *v. g. berina*, En. - Atlas 26 figs 66, 62: - (*a. cymbelloides*:
" *v. ligua*, Cl. Nav. 2p. 139:

> *arcuata*, Pant. 2p. 35-4 figs 70: - (*A. Szabov.*)

* *arcus*, Gg. - Cl. Nav. 2p. 127-14 figs 4:

" *v. sulcata*, A.S. Atlas 26 figs 46, 47: [*a. sulcata*] Cl. Nav. 2p. 127:

arenaria, V.H.S. #13:

" *v. Donkinii*, Rab. - Cl. Nav. 2p. 133: - (*a. Donk.*)

" *v. P. Thoms.*, Cl. Nav. 2p. 133: - (*a. Ratt.*) -

ACUTIUSCULA, W.B.p.103-5f32; W.B.p.95; Breb.D.C.p.18; Pitt.p.832; R.
E.D.p.39; Grin.1333p.17; Lens 1, No.17, p.33; V.I.S.p.57-1f13; Pant.
2p.35; Det.S.p.333; Herib.p.52; ~~35-45~~

v. fossilis, Part. 21.35-2f29; Def. Syll. p. 335; - (A. coffeaeformis) *Tringoides*
AEGAEA, E.-Abh. Ber. 1853p. 13; 1872p. 11f28; Prit. p. 335;

Lens 1 p. 83, No. 73; DeT. Syll. p. 413:

AFRINIS, K.B.I. 107-30f33; K.S.A.I. 94; R.S.O. p. 31-9f4; Weiss I 300, 1.
359-3f22; Brit. I. 334; Jan. Gu. I. II; Carr. p. 102; Roper, Thames; R.E.O.
p. 94; Hall; Cl. I 333 p. 237; I 373 p. 20; Nares; Vega p. 490; Eiben, I 370;
Nylander, W.: Lens I, No. 69 p. 33-3f2; Sm. Sp. T. 23; Brin Alp p. 54; Dery
D. I.: V. A. S. pl. I f 12; Perag. p. 56; Belloc, Luchon; Italy: Wollé pl. 9f
13; Malaisie; Herib. p. 63;

(A. abbreviata, arcus, Libyca; A. ovalis, v., & pediculus, v.)

AFFINIS, Sm.B.D.p. I9-2f27;

(A. commutata.)

v. "b", S.B.D. 2p. 35: - (A. arcus.)

ALATA, Perag.Villef.p.4I-2fII; Atlas 25f6I; Det.S.p.332: *Det. Nov. 20. 1911*

ALVEOLATA, *Forst. Cat. p. 19-113; Det. S. p. 405; - Cat. Reichenow.*

ANPHIOXYS, Bailey M.O.p.39-2f20-22; E.M.135 p.33; Pitt.p.335; R.E.C.
p.96; Lens I No.79, p.33; Det.S.p.391; *Proc. Acad. Nat. Sci. Phila.* (Nitzschia).

ANGULARIS, Grac., M.J. 1355f. 39-4f3; T.M.S. 1357f. 70-1f29; S.B.C. 2f. 102;
Pitt. p. 331-7f50; R.E.C. f. 33; Carr. p. 100; Atlas 23f33; V. 4. S. 4. 57;

Det. S. p. 393: *C. (P.) 20.1-4*: 1st 1: (A. C. 20.1-4, A. Ovalis.)
v. hybrida, Gran.-V. A. S. p. 57: Det. S. p. 393: (A. C. 20.1-4, A. Ovalis.)

v. lyrata, Griseb.-V. i. S. 1. 57; Berl. S. 1. 393; - (*A. lyrata*, L.) = *R. repens*.

ANGUSTA, E.-M.C.P.37; I356p.33; R.S.O.I.33; R.L.O.P.95; E.Nord.pl.2f
I5: Lens, 1 p.73: (A.gracilis, v.)

ANGUSTA, Griseb. D. C. p. 33-4f33; Pitt. p. 334; Can. p. 102; Flore de, Balise;
- Lens I, No. 44 p. 30-3f3; Canif. p. 19-2f10; Atlas 25f9, 25, 26; Vase p. 42

Italy; Vega 1.462: Det. S. p. 408: *Cl. nov. 2p. 135*: Oestrup 1897 p. 326:

v. Arctica, Grun.-Cl. 1330p. 24-1f9; Vega 1.452: Del.S. 1.403: =

v. glaberrima, Gr. -Atlas 2 of 51, 52; Fortm. Cey. 1. 13;

APOMINA, K.B.I. IO3-4fI(5): 5f33; V.S.A.p.93; R.S.O.p.3I-9f3; Plut.4.

3391: R. & D. L. 39: L. & L. No. 53 L. 33-3122: P. & Cat. L. 19: SE. S. 1. 29:

- > arenicola, Gr. - Cl. Nav. 2p. 104-4f 19, 20:
 (a. marina, Brit.:-
- " var. major, Cl. Nav. 2p. 104:- (a. robusta, p.p. & Lima.)
- " " var. ciliolata, Cl. Nav. 2p. 104-4f 21:
- " " subaqualis, Cl. Nav. 2p. 104-4f 22:
- > astuarii, Cl. - Lett. 2 v. 19p. 146-9f 12, 13:-

> baillaris, v. Sestica Cl. Im. #310:- (Am. Bac.) -

> B. chringensis, Cl., Nav. 2p. 102-3f 34, 35:

> biquiblosa, Cl. Nav. 2p. 133: Atlas 46f 14:

+ binodis, Cl. Nav. 2p. 124:

> Bivoluta, Cl. Nav. 2p. 114-3f 36-38:

> Budayana, Pan 7. 3pl. 23f 336: Cl. Nav. 2p. 141:

> bullata, Cl. Nav. 2p. 119:

> buliminii, Rab. atq. Eur. #1934 (1866):- (a. lineolata E.)

- AREOLATA, Grun.-Atlas 39f23; Wolle pl.4f15; Det.Syll.1.393; *Cl. Har. 2p. 115*;
 v. maxima, Grun.-LeD.No.II, p.156-22f1-4; *Cl. Har. 2p. 115*;
 ARGUS, Pant.3p1. -22f329; *Cl. Har. 2p. 141*;
 ASPERA, Petit Cat.p.19-4f9; J.R.M.S.133p.240-14f9; Det.Syll.1.391; *Cl. Har. 2p. 115*;
 ATOMUS, K.B.p.103-30f70; Prit.p.335; Lens I p.33, No.30; Det.S.1.413;
 (Frust, pelliculosa; -Navic.a. & semilunum; -Synedra.)
 BACILLARIS, Grun.D.C.p.55-3f100; Prit.p.335; Carr.p.103; R.E.D.1.95;
 Baltic; Lens I p.33, 3f15a, b; Det.S.1.409; *Cl. Har. 2p. 115*;
 BALEARICA, Cl.-Cl. & M.No.154; (A.sulcata.)
 BALTICA, Grun.-Cl. & M.No.172; (A.arctica.)
 BECCARI, DeNotaris, Erbar.Critt.Ital.No.663; Notar.1336p.135;
 Det.Syll.1.413; *Cl. Har. 2p. 141*;
 BELGICA, Grun.-V.H.T.No.74 sub; (A.ostrearia, v.)
 BERGGRENI, Cl.-N.L.K.O.1.14-1f3; Cl. & M.90; Sm.Sp.7.310;
 Det.S.p.403; *Cl. Har. 2p. 134*;
 BICONVEXA, Jan.-Atlas 25f63; Fortm.Cey.p.13; Det.S.1.392; *Cl. Har. 2p. 115*;
 BIGIBBA, Grun.-Atlas 25f65, 67, 69-75; Petit Cat.p.17; Malaisia;
 Fortm.Cey.p.14; Cl.1373p.10; Wolle pl.4f7, 3; Det.S.1.392; *Cl. Har. 2p. 115*;
 BINOCIS, Grun.D.C.1.33-4f67; Prit.p.331; Grun.1363p.7; Carr.1.100;
 R.E.D.p.36; Sm.Sp.7.32; Lens I p.71-1f5; Fortm.Cey.1.15; Det.S.1.331;
 v. interrupta, A.S., Atlas 25f65; Wolle pl.9f9; *Cl. Har. 2p. 115*;
 BISERIATA, Grun.-T.M.S.1357p.71-1f52; Prit.p.335; Carr.1.103;
 R.E.D.p.95; Lens I, No.27p.74-2f3; Det.S.p.379; (A.crassa.)
 BISTRIATA, Fortm.Cey.p.20-1f12; Atlas 26f21; Det.S.1.405; *Cl. Har. 2p. 115*;
 BITUMINOSA, Part.21.35-1f1; 2f23; Det.S.1.401; *Cl. Har. 2p. 115*;
 BOREALIS, K.B.p.103-3f13; K.S.A.p.95; R.S.O.p.31-9f12; Grun.D.C.1.13;
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 V.A.S.1.1f20; (A.salina, v., & coffaeiformis.)
 BORYANA, Pant.3p1. -33f531; (A.mexicana, var.)
 BRIOCENSIS, Petit.-Ann.Mic.Soc.Belg.1373p.35 cum icone; Fortm.D.M.
 p.3; Det.S.1.415;
 BULLOSA, Fior.-Maz.-Atti Novi L.1361, session 2, Gen.5; Atti Soc.
 Crit.Ital.1379p.103; Det.S.1.413; (Collectiona.)
 v. lineolata, H.L.Sr.S.1.7.No.311; (A.coffaeiformis) (Amphora l., Ehr.)
 CAMELUS, Cl. & Gro.-LeD.No.II, p.158-22f9-12; *Cl. Har. 2p. 115*;
 CAPENSIS, A.S., Atlas 25f49, 50; Det.S.1.334; *Cl. Har. 2p. 115*;
 CARINATA, E.-Abh.Ber.1340p.10; K.B.p.103; K.S.A.p.95; Prit.p.335;
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 CASTRACANEI, DeToni Sylloge 1.379; -(A.stenophora, Castr.)
 CEYLANENSIS, Fortm.Cey.p.21-1f13; Det.S.1.373;
 CHINENSIS, A.S., Atlas 26f41, 42; Det.S.1.397; (A.lineolata, v.)
 CINGULATA, Cl.1373p.9-3f15; J.M.1379p.29-2f15; Atlas 26f17;
 J.Q.C.1336p.322; Wolle pl.4f27; Part.21.35; Det.S.1.333; *Cl. Har. 2p. 115*;
 CLARA, A.S., Atlas 25f20; Fortm.Cey.p.17; Det.S.1.396; *Cl. Har. 2p. 115*;
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 COARCTA, Fortm.Cey.p.21-1f13; Det.Syll.1.411; *Cl. Har. 2p. 141*;
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 1360p.359, 361-3f23; 2f11; Prit.1.332; R.E.D.1.39; Sm.Sp.7.31; Atlas
 26f53-53, 93; Gallia, Papan; Lens I, No.63p.32-3f57; Fortm.Cey.1.17; -----

- Coffaeiformis* Ag. (A. Taylor, Neponese, spongia) -
 " *Bobscow* Kuss. D. p. 129-13 f8: -
 " var. *borealis*, K. - Cl. Nav. 2p. 121: - (A. salina, var. β , minor. *Floralis*)
 " " *angularis*, T. P. - Cl. Nav. 2p. 121: - (A. ang.: - *angularis*, v. *lyrata*: a. *hybrida*,
belloua, v. *lineata*: a. *hybrida*.)
 " " *fossilis*, Pt. - Cl. Nav. 2p. 121: - (A. salina, v. *foss.*) -
 " " *hungarica*, Cl. - Nav. 2p. 121: - (A. acuminata, v. *foss.*) -
 " " *protracta*, Pt. - Cl. Nav. 2p. 121: - (Am. pro.) -
 " " *perpusilla*, Gn. - Cl. Nav. 2p. 120: - (A. perp. p. p.) -

+ *Comorensis*, Cl. Nav. 2p. 111

- + *commutata*, Gn. - (A. pellucida, pp. - A. robusta var. p. p.)
 " var. *fossilis*, Pt. - Cl. Nav. 2p. 120: - (A. foss. *curvata*.) -

contracta -

- " var. Gn. - J. Q. C. 1887 p. 131-10 f4: - (A. *Sturki*.)

+ *costata*, Oestrup 1897 p. 325: Oest. Mar. D. p. 410-3 f6:

+ *crassa*, Ag. - Cl. Nav. 2p. 109: Fl. gel. Balt. p. 90, f11: Atlas
 39 f30, 31: - 28 f30-33;

(A. *crassa*, var. s.; - A. *lineata* - *sulcata*, p. p., *Thaïtiana*.)

" v. *elongata*, Cl. Nav. 2p. 109:

" v. *interlineata*, Gro. St. - Cl. Nav. 2p. 109: - (Am. int.)

" v. *Solswigienis*, Pet. cr. Nav. 2p. 109: - (A. Sol.)

" v. *modesta*, Cl. Nav. 2p. 109: Atlas 28 f23:

" v. *Euprepes*, Pt. - Cl. Nav. 2p. 109: - (Am. Eup.)

" v. *angustata*, Cl. Nav. 2p. 109: -

" v. *Seychellensis*, Cl. Nav. 2p. 110:

" v. *crassa*, Cl. Nav. 2p. 110: Atlas 28 f21:

cruciata, Oestrup 1897 p. 325-2 f6:

+ *curcata*, Cl. Nav. 2p. 116-3 f23-25: (A. *decora* - *lyrata*, p. p.)

Lanzi 1376p.3; Ostia p.23; Italy; Cl.Vega p.46I; Part.2p.36; Del.
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Oestrup 1897p.325: (A.salina & gracilis; -Frustulia; -Nav.quadricostata.)
var. "b" Fischeri, K.B.p.103-5f33; K.S.A.p.94; Weiss 1350 p.1123;
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(A.coffaeformis & Fischeri.)

v.acutiuscula, K.-Rabh.E.D.p.39; Italy: (Amphora a.)

v.exigua, Greg.-R.E.D.p.39; Del.S.p.339: (Amph. h.e.)

+ v.fossilis, Part.2p.36-4f39; Del.S.p.390: - *(A.szaboi.)* +

v.lineata, Greg.-R.E.D.p.39; Italy: (Amphora l.)

v.salinarum, Grun.1382p.143; Part.2p.36; :- *(A.acutiuscula)*

+ COMMUTATA, Grun.-V.H.S.p.58-1f14; T.No.7; Italy; Cl.1391p.53; Part.

p.56; Del.S.p.402: *Cl. Nav. 2p.119*: (A.affinis, w.S.)

> forma proboscidea, Greg.-Del.Syll.p.403:

COMPLANATA, Grun.-Hedw.Vol.6p.25; Atlas 26f45; Sm.Sp.7.612: -(Navicula.)

COMPLEXA, Greg.D.C.p.51-5f90; R.E.D.p.93; Cl.1373p.2I; Vega p.462:

Sm.Sp.7.613; Malaisie:

(Amphoropsis; -A.Grevilleana, var.: -A.fasciata, Grev.)

COMPOSITA, Jan.Gaz.pl.22f23,29; Atlas 26f44; Del.S.p.397:

CONSERIA, Grun.-Hedw.1357p.22; Lens 1 p.33, No.32;

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+ CONTRACTA, Grun.-Atlas 25f54-57,52; Fortm.Cey.p.15; Woll. pl.9f2I;

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> *Corinata*, E. Monb. 184 op.10: 163. p.108:

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COSTATA, *Cl. Nav. 2p.109*: S.B.D. 1p.20-20f23; Prit.p.332; Brab.

+ Verm.p.10; Carl.p.101; Hall; Petit, Niroda; Italy; Lagr.1376p.54; R.

E.C.p.9I; Lens, No.55, p.33-3f23; Part.1p.56; Villef.p.40; Malaisie;

Woll. pl.9f3: *(A.arenaria)* (A.arenaria)

CRASSA, Greg.D.C.p.52-3f94; T.V.S.1357p.72-1f35; Prit.p.334; Carl.p.

103; Hall; R.E.D.p.95; Cl.1367p.367; 1363p.237; Vega 1p.462, 510;

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Fortm.Cey.p.16; Brun & T.p.36; Villef.p.4I; Malaisie; Part.2p.36;

Woll. pl.4f36,37; Del.S.p.406; *Oestrup 1897p.324*:

v.Campeachiana, A.S., Atlas 23f16; *Cl. Nav. 2p.109*:

v.minor, Part.2p.36-3f5I; Del.S.p.407; *Cl. Nav. 2p.110*:

v.punctata, A.S., Atlas 23f30-33; Fortm.Cey.p.16; Villef.p.4I;

Part.1p.37-3f46; 2p.36; Malaisie; - *(A.arenaria)* -

vars., Jan.Gaz.pl.22f22,23,30,3I,32,34,35. Petit Cat.p.17;

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Lens Vol.2p.234; Lagr.1376p.52:

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> CRISTATA, Petit Cat.p.13-4f3; J.R.U.S.1373p.240-1415; Del.S.p.341;

CRYSTALLINA, E.-Abh.Ber.1340p.10; K.B.p.103; K.S.A.p.95; Prit.p.337;

R.E.D.p.96; Lens, No.63, p.33-3f37; Del.S.p.417;

CUNEATA, Cl.-Atlas 39f29; Jan.Gaz.pl.22f32; Del.S.p.397:

CURVATA, Part.2p.36-1f1I: - *(A.communitata, var. fischeri)*,

CYCLOPS, Fortm.Cey.p.22-3f62; Del.Syll.1.405; - *(A.abbura, w.Cc)*

Cymbelloides, Gn. - Cl. Nav. 2p. 136: -
(*a. angusta*, *rars. minuta* + *glaberrima*.)

> cymbiformis, Cl. Nav. 2p. 136: Atlas 2579:

> nicensis, Cl. Nav. 2p. 108-4f 16-18:

> decussata, var. *nicensis*, Fort. Cl. Nav. 2p. 129-4f 11:

> decussata, var. *nicensis*, Cl. Nav. 2p. 134:
" var. *jamalinensis*, Cl. & Gn. - Cl. Nav. 2p. 134: - (*a. cellata*, var. J.)

> diaphana, Cl. Nav. 2p. 112-4f 27:

Egretta *a. Exornata*, *bistriata* + *zebrata* + *neogradensis*.)

- CYMBELLOIDES, Grun.-Hedw. Vol. 3p. 24; Atlas 25f10, 14; Petit, Nimrou; Lens, p. 37, No. 71; Vega pl. 493, 505; Det. S. p. 399; (Synecelia salpa.)
 v. latior, Grun.-Atlas 25f3; - (A. angusta v. did.)
 v. Mauritania, Grun.-Hedw. 1837p. 25; Det. Syll. p. 399; (A. angusta v. did.)
 CYMBIFERA, Greg. D.C. p. 54-5f97; Prit. p. 332-7f54; Carr. p. 101; Reinhard; R.E.D. p. 90; Cl. 1837p. 663; 1873p. 21; Nares; Vega pp. 493, 510; Lens, No. 63, p. 35-3f23; Danf. p. 19; Petit Cat. p. 19; Lagr. 1876p. 54; Pet. Nimrou; Atlas 25f17-19; 25f33; Fortm. Cey. p. 17; Villef. p. 41; Shark River; Malaisie; Wolle pl. 4f10, 17, 13;
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 CZEKENIAZENSIS, Pant. 2p. 36-1f6; Det. S. p. 392; (A. angusta v. did.)
 DEBYI, Fortm.-Ann. Bot. Buit. 1892p. 10-1f4; - (A. Graeffii.)
 DECIPIENS, Grun.-V. A. S. pl. 22(2), f12; Det. S. p. 343;
 (Amphipora plicata; -Amphoropsis; -Auricular.)
 DECORA, Castr. 1837p. 13-27f14; Notar. 1839p. 631; Det. S. p. 415; (A. angusta v. did.)
 DECUSSATA, Grun.-Hedw. Vol. 3p. 23; M.M.J. 1877p. 1. 195f19; Lens, Vol. 2, p. 73, No. 20; Det. S. p. 373; (A. angusta v. did.) (A. stationiformis.)
 DELPHINA, Bailey.-B.O.N.A. 1862p. 330-1f1; Amazon; Atlas 40f25-27; Lens, No. 22p. 73-1f13; Wolle pl. 4f23, 24; Det. Syll. p. 334; (A. angusta v. did.) (A. angusta v. did.)
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 DIGITUS, A.S., Atlas 26f30; Det. S. p. 392;
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 DONKINII, Rabh. E.D. p. 96; Lens, p. 79-3f5, No. 49; - (A. lineolata, Donk.)
 DORSALIS, Cl. & Gro.-Led. No. 11, p. 153-22f13-15; (A. lineolata.)
 DUBIA, Greg. D.C. p. 42-5f76; Prit. p. 334; Carr. p. 102; Atlas 27f20-23; Flögel, Baltic; Lens, p. 30, No. 42; Wolle pl. 4f25, 26; (A. angusta v. did.) (A. marina & spectabilis.)
 EATONIANA, O'M.-M.J. 1874p. 259-3f7; Det. S. p. 413;
 EGREGIA, E.-Abh. Ber. 1841p. 294; 1872p. 1. 2f20; Atlas 25f12-15; 18; 24f21; Fortm. Cey. p. 15; Wolle pls. 3f20, 21; 4f1; Det. S. p. 409; (A. angusta v. did.) (A. angusta v. did.)
 ELEGANS, Greg.-T.M.S. 1857p. 70-1f30; Prit. p. 334; Carr. p. 101; (A. angusta v. did.) (A. angusta v. did.)
 R.E.D. p. 33; Lens, p. 73-1f7, No. 19; Det. S. p. 331; - (A. angusta v. did.) (A. angusta v. did.)
 ELEGANS, Peragallo.-Led. No. 15p. 56-3f19;
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 ELONGATA, Greg. D.C. p. 49-5f34; Prit. p. 334; Carr. p. 102; Lens, p. 76-2f3, No. 30; Breb. Verm. p. 10; Det. S. p. 414; (A. sulcata v. did.)
 EREBI, E.-Abh. Ber. 1853p. 52; M. pl. 35A-23f2; Prit. p. 335; R.E.D. p. 96; Cl. Vega p. 462; Fortm. Cey. p. 13; Lens p. 72, No. 33; Perag. p. 56; Det. Syll. p. 337; (A. angusta v. did.)
 forma cymbifera, Greg.-Det. Syll. p. 337; - (A. cymb., p. p.)
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+ eximota, Cl. Nav. 2p. 122-4f2, 3: - (a. cymbifera var.) -
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+ selecta, Gr. - Cl. Nav. 2p. 116-3f26-29: - (a. milesiana;
a. Kamorthensis, minor) -

+ gas

+ gimbriata, Cl. Gro. - Cl. Nav. 2p. 139:

+ formosa, v. minuta, Cl. Nav. 2p. 138:

+ fusca, ab. - (a. gigantea, var. f.) -

+ gemmifera, Cl. Nav. 2p. 114:

+ gigantea,

" var. fusca, ab. - Cl. Nav. 2p. 106: - (a. fusca.)

" " obscura, Cl. Nav. 2p. 106-4f28, 29: Atlas 28f20:

" " " formosa, var. Cl. Nav. 2p. 106: Atlas 40f28, 29:

+ gracilis

+ forma parva L.H.S. 1f3:

- var., A.S., Atlas 40f35-37;
 v. fossilis, Pant. 2p. 36-If3; 3f49; - (*a. angusta*)
 EUNOTIA, Clave 1373p. 21-3f17; Nares; Vega p. 462; Det. Syll. p. 399;
 EUNOTIAEFORMIS, Gr. - Jan. Gaz. pl. 22f3; Atlas 39f5; Det. Syll. p. 397.
 EUPREPES, Pant. 1p. 21-14f123; Det. S. p. 406; (A. crassa, var.)
 EXCISA, Grev. D.C. p. 49-5f35; Prit. p. 334; Carr. p. 103; R.E.D. p. 95;
 Floegel, Baltic: Atlas 39f3; Lens Vol. 2, No. 25, p. 75-2f14; Shark River:
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 EXORNATA, Jan. Gaz. pl. 22f56, 57; Atlas 39f27; Cl. 1373p. 9; Malaisie:
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 + EXSECTA, Gr. - Atlas 27f54, 55; 39f4; Wollé pl. 3f15; Det. S. p. 397;
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 FASCIATA, E. - Abh. Ber. 1340p. 11; K.B. p. 103; K.S.A. p. 95; Prit. p. 335;
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 var.): ----- Neupauer Asatag. pl. 2f32: - (A. striolata, Part.)
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 + 21-2f13; Wollé pl. 4f33, 34; Det. S. p. 397; Atlas 39f9; Cl. 1373p. 9; Malaisie;
 FOSSILIS, Pant. 2p. 36; Det. Syll. p. 413; - (*a. angusta*)
 FURCATA, Fortm. Cey. p. 20-1f11; Cl. Vega p. 493, 510; Det. S. p. 402;
 J.Q.C. 1337p. 72; (A. spectabilis.) ----
 FUSCA, A.S., Atlas 27f63; Fortm. Cey. p. 19; Wollé pl. 9f7; Det. S. p. 410;
 GIBBA, A.S., Atlas 39f32; Wollé pl. 9f13; Det. S. p. 413; Cl. Nan. 2p. 140;
 + GEMMIFERA, Petit, Cap Horn p. 120-10f13; Notar. 1333p. 611; Det. S. p. 337;
 GIGANTEA, Gr. - Atlas 27f46, 46x, 67; Wollé pl. 9f20; Malaisie;
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 GIGAS, E. - Mg. pl. 3-2f13; Abh. Ber. 1370p. 12-1f59; Prit. p. 335; R.E.D. p.
 96; Lens Vol. 2p. 11.73, 30, sub Nos. 22, 45; Wollé pl. 5f4; Det. S. p. 419;
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 GLOBULOSA, Schum. 1357p. 55-1f25; Atlas 23f100; Lens Vol. 2, p. 30,
 No. 45-2f19; Gallik, Papan; Det. S. p. 400; - (*a. ovalis*) -
 v. perpusilla, Gr. - V. 4. S. pl. 1f11; - (*a. perpusilla*) -
 GRACILIS, E. - Amer. pl. 3-1f43; Abh. Ber. 1341p. 410; Mg. pl. 37-3f1; K.B. p.
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 var. "b", angusta, E. - Abh. Ber. 1345p. 360; K.S.A. p. 94; R.E.D. p. 94;
 Atlas 25f9; (A. angusta.) --

- Gracilis, Cl. Nav. 2p. 113: Atlas 2875 (a. trunc.) - (A. Briggs)

" var. thamnochloa, Cl. Nav. 2p. 113:

> Granulifera, Cl. Nav. 2p. 116 - 3f 32-33: vide Cl. Nm. #147:

+ Gracillanra, Ig. - (a. sulcata, p.p.) - Gracillan, Gn. in At. 3 - A. sepulta &

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" var. Contracta, Cl. Nav. 2p. 113: Atlas 40733.

> Groenlandica, Cl. Nav. 2p. 128 - 4f 1: Oestrum 1897p. 321:

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" var. approximata, Cl. Nav. 2p. 112:

" " robusta, Cl. Nav. 2p. 112:

> Grunowii, A.S. Atlas probet. f 15: Cl. Nav. 2p. 123:

+ Hohenackeri, (A. veneta)

> hemnicola, v. calderianum, Gn. - Cl. Nm. #191 sub; - (A. normani.)

+ Hyalina, K. -

7 " v. parvula, Gn. - Rath. Alg. Eur. #1722: Cl. Nav. 2p. 119:
(A. veneta.) -

> inelegans, var. polita, Cl. Nav. 2p. 116 - 4f 40:

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GRAEFFII, Grun.-Atlas 25f42: Petit Cat.p.16: Det.Syll.p.396: +

" var., A.S., Atlas 25f40: -(A. graeffii)

GRANULATA, Greg.D.C.p.53-5f95: Prit.p.332; Carr.p.101; R.E.D.p.91:

Cl.1367p.33: 1368p.237; 1372p.20; Flogel,Baltic: Atlas 27f55; Lens,
Vol.2 No.35, p.35-3f1; Fortm.Cey.p.13; Carr.p.120; Reinhard; Malaisie;
Pant.2p.37; Wolle pls.3f6; 4f53: Cl. nav 2p.123: (A. lineata.)

GREGORII, Ralfs, Prit.p.333; Carr.p.102: R.E.D.p.93; Italy:

Lens, p.77, No.3: Det.S.p.396: (A. quadrata.)

GREVILLEANA, Greg.D.C.p.50-5f39; T.M.S.1357p.73-1f36; Prit.p.333;

R.E.D.p.93; Carr.p.102; Grun.1368p.17; Flogel,Baltic; Lagr.137p.53;
+ Atlas 25f41; Lens p.77, No.32 pl.2f9; Cl.Vega p.452; wolle pl.4f23;
Villef.p.41; Det.S.p.396: Cl. nav 2p.112: (A. grevilleana)

" v. Campechiana, Grun., Atlas 25f45; Det.Syll.p.396: -(A. grevilleana)

" v. complexa, Greg.-R.E.D.p.93: -(Amph.c.)

" v. fasciata, Greg.-R.E.D.p.93; -(Amph.f.; A. grevilleana)

" v. prominens, Grun., Atlas 25f43, 44; Det.S.p.396: -(A. grevilleana)

GRONNI, Cl.-Det. No. 11p.151-2f13, 17: Cl. nav 2p.112

+ GRUNDLERI, Grun., Jan. Gaz. pl.22f53, 59; Atlas 23f24-27; 39f25;

Fortm.Cey.p.16; wolle pl.4f33, 39; Pant.2p.37; Det.S.p.409: Cl. nav 2p.112:

" v. trachyta, Pant.2p.37-7f132; Det.S.p.409: Cl. nav 2p.112:

HEMISPHERICA, Grun., Hedw.Vol.6p.24; Lens, p.74 sub No.24:

Det.S.p.396: (A. galina.)

HEVESSENSIS, Pant.2p.37-2f52; 3f46; 4f63; Det.S.p.391: -(A. galina)

HEXAGONALIS, Witt, J.M.G.1372p.55-3f12; Det.S.p.331: -(A. galina)

HIANS, Flogel p.33 f7; Lens Vol.2 p.233-4f1; Hedw.1373p.99:

Det.S.p.332; Cl. nav 2p.104:

HOMENACKERI, Rahl.S.D.p.31-9f11; Prit.p.334; R.E.D.p.95; Lens.2, No.

76, p.33-3f36; Det.S.p.400: -(A. fasciata, E.: -A. quadricostata & tumida.)

+ HUMICOLA, Grun., Atlas 25f90-92: Cl. & M.237; V.1.5. pl.1f12: -(A. Normanii.)

" v. javanica, A.S., Atlas 26f37-39: -(A. Normanii)

HYALINA, K.B.p.103-30f13; K.S.A.p.94; S.B.D.1p.19-2f23; Breb.D.C.p.

18; Prit.p.334-7f53; Heib.p.III; Hull: Carr.p.102; R.E.D.p.94; Eiben,

1371; Lens, p.74-2f2, No.24; Sm.Sp.T.314; Atlas 26f52-55; Cl.Vega p.

461; wolle pl.9f2; Villef.p.40; Det.S.p.400; Parag.p.56; Trib.p.34:

(A. hemisphaerica.) > E. 7m p.35: Cl. nav 2p.112

HYBRIDA, Grun.-V.H.Type No.12: (A. argillaris, v.)

HYPERBOREA, Grun.1334p.3-1f10; Det.S.p.411: (A. complexa)

INCERTA, A.S., Atlas 40f1; Pant.2p.37; Det.S.p.413: (Amicula.)

INCISA, Greg., M.J.1355p.39-4f5; S.B.D.2p.102: (A. ovalis.)

INCURVA, Greg., M.J.1355p.39; Prit.p.335; Lens p.70 sub No.36:

(A. pellucida: A. lineolata, E.)

+ INELEGANS, Cl. & Gro.-Led.Vol.2p.63-10f15: Cl. nav 2p.111:

INFILATA, Grun., Atlas 25f29, 30; Fortm.Cey.p.14; wolle pl.4f12, 13;

Villef.p.39; Det.S.p.393: -(A. costata)

INFLEXA, B.E.S.-Lens, p.73-2f13, No.33; Det.S.p.417; Cl. nav 1p.101:

(Amphipleura; -Okedenia: Amphipleura of K.)

INSECTA, Grun., Atlas 40f2, 3; Det.S.p.413: (Amicula.)

INTERLINEATA, Gro. & St.-J.1.1.1357p.131-102; Notul.1357p.309;

Det.Syll.p.391:

INTERRUPTA, Pant.1p.21-15f134: (A. octoculata, v.)

+ intersecta,
" var. Sarmatica, f. - ... 124: - (Am. Soc.)

> juvenalis, Pant. 3 pl. 13 f 149: - (a. acutiuscula)

Lamorthensis, v. minor, - (a. acutiuscula) -

+ laevis, (cf. a. nobilis). -
" v. laevissima, Gg. - Cl. Nav. 2 p. 130: - (a. laevis). -
" v. minuta, Cl. Nav. 2 p. 130: (u. laevis, Sm. # 615?) -
" v. perminuta, Gm. - Cl. Nav. 2 p. 130: - (a. laevis, v. permin.) -

Lugerheimii, Cl. - Let. 2, no. 17 p. 99-7 f 2: Cl. Nav. 2 p. 118;

Linna, A.S. Atlas Probat. f. 14: - (a. mexicana?) -

INTERSECTA, A.S., Atlas 25f37, 38; Det. Syll. p. 393: Malaisie:

Pant. 3p. 7. - 12f190: *Cl. nan. 2p. 124:*

v. striata, Pant. 21. 22-17f115; Bot. 1. 133p. 434: Det. S. p. 393: *Cl. nan. 2p. 124:*

INVIDIENDA, Pant. 3p. - 10f190: *14f210: Cl. nan. 2p. 141:*

JALALINENSIS, Grun. - Cl. 133p. 24-4f; Det. S. p. 381: (A. 3p. 112, v.)

JANISCHII, A.S., Atlas 25f51-53, 40f30-32: Jan. Gaz. 1. 22f33-42:

Sm. Sp. T. 32: Det. S. p. 413: *Cl. nan. 2p. 115:*

JAVANICA, A.S., Atlas 27f27-35; 28f7-II: Det. S. p. 410: *Cl. nan. 2p. 115:*

JESCHII, Janisch Gaz. 1. 22f19; Atlas 39f14; Det. S. p. 413: *Cl. nan. 2p. 115:*

KAMORTHENSIS, Grun. 133p. 99-1a, f12: Lens Vol. 21. 72-1f12, No. 17:

Det. S. p. 379: *Grevillea Vol. 1p. 75-1f11a (A. vicia, l. 1.)*

KARIANA, Cleve 133p. 24-1f7; 133p. 54-4f74;

Det. Syll. p. 405: (A. proteus, v.)

KINKERI, Pant. 3p. 7. - 24f357;

KITTONI, Fortm. Cey. p. 19-1f7; Det. S. p. 378:

KOSSUTHII, Pant. 3p. 7. - 10f159: *Cl. nan. 2p. 115:*

LABUENSIS, Cl. Vega p. 493-35f1; J. O. C. 133p. 323: Grun. & T. p. 33: *Cl. nan. 2p. 115:*

v. fusiformis, Fortm. - Ann. Bot. Brit. 1392p. 12-1f3:

LABYRINTHICA, Grun. - Cl. 133p. 25: Det. S. p. 382: *(A. acuta, v.) (A. ostraria, v.)*

LAEVIS, E. - Mik. p. 192: *Det. S. p. 382* - - Gr. D. C. p. 42-7f74: Prit. p. 331;

Carr. p. 101: R. E. D. p. 37: Florel, Baltic; Lens p. 70-1f1f; No. 2: Sm. Sp. T.

33; Atlas 26f3-10: Dannf. p. 20-2f5; Lagr. 1376p. 51; Cl. Vega p. 431;

Wolle pl. 3f22; Shark River; Malaisie; Det. S. p. 380: *Cl. nan. 2p. 115:*

var., Cl. 133p. 24-1f3; - *(A. laevis.)*

LAEVISSIMA, Gr. D. C. p. 41-7f72; Prit. p. 331; Carr. p. 101; R. E. D. p. 37:

Florel, Baltic; Atlas 26f13, 14; Sm. Sp. T. 315: Lens, p. 73-1f14, No. 31:

V. A. S. p. 53-1f15; T. No. 3; Cl. Vega p. 431; Shark River; Malaisie;

Wolle pls. 4f3-6; 9f4; Det. S. p. 377: *(A. laevis, var.)*

v. perinata, Grun. - V. 1. Type No. 9 Det. S. p. 377: - *(A. laevis, v. parva)*

LANCEOLATA, Edwards. - B. O. J. 1. 1, February, 1870:

LANCEOLATA, Cl. 133p. 337-23f2; 133p. 237; 1373p. 21: Vega p. 431;

Nates: M. J. 1374p. 253-3f3; Reinhard; Atlas 25f3: Wolle pls. 4f1b;

3f1f; Shark River; Det. S. p. 393: - *(A. angustata, v. minor)*

v. incurvata, Br. - Brun 1391p. 3-12f3: - *(A. angustata, v. inc.)*

v. minor, Cleve, Vega p. 432; Det. S. p. 393: - *(A. angustata, v. minor)*

LEIGHSMITHIANA, O. M. - M. J. 1374p. 239-3f3; Cl. Vega p. 432; Nates: (A. 11p. 11)

LEUDUGERIANA, Petit, Cap. 10f. 1. 119-10f13; Det. S. p. 399: *Cl. nan. 2p. 115:*

LIBYA, E. - Ach. Ber. 134p. 11; Amer. p. 19. 3-1f42; 3-7f17; Mp. p. 18. 5-1f16;

5-3f24; 5-1f39a, b; 7-1f12, 27; 10-2f17; 13-1f10; 13-2f13; 11f43; 11A,

f57a-c; 17-2f20; 33-1f1; 34-3a, f1; 34-5b, f2; 35A-7f1; 37-1f1; 39-3f2;

Mp. 1356p. 33; A. Ber. 1370p. 73, 1. 2-1f39; Nord. p. 1. 21f4; V. B. p. 107-29f26;

V. S. A. p. 93; R. S. O. p. 31-9f3; Bail. M. O. p. 1. 2f12; Prit. p. 333-12f33;

Weisse G. p. 305-1f11; 134p. 1. 1f11; Nylandt, n.: R. E. D. p. 92; S. S. p. 3.

34; Kirch. Alg. Schl. p. 190: Atlas 25f102-105; Wolle pls. 3f14; 4f14;

Gallik, Pajan; Det. Syll. p. 334; (A. affinis; - A. ovalis, v. 11p. 11)

forma minor, Gutwinski Gal. Vol. 21. 26: Det. Syll. p. 335:

v. interrupta, Pant. 21. 37-2f23; Det. S. p. 335: - *(A. ovalis, var. 21p. 21)*

LINA, Pant. 21. 37; 3p. 7. - 23f347; - *(A. angustata, v. minor)*

LIMBATA, Cl. & Gro. - L. C. 1. 11. 159-23f1, 2: *Cl. nan. 2p. 115:*

LIMPIDA, Jan. Gaz. 1. 22f12, 23; Atlas 39f3; Det. Syll. p. 397:

+ lineolata, C. - (a. plicata, te ra, ly ca na, la ch le i, au le ta, te nu is.)
" v. chinensis, Ad. - Cl. Nav. 2p. 126: (am. Chi.)

" v. undulata, H. B. S. - Cl. Nav. 2p. 126: - (am. undata.) -

> lunata, Oestrup 1897 p. 324: Oestr. Mar. D. p. 411-345:

> lunulata, Cl. Nav. 2p. 129-4f 13:

maculata,

" v. ergadensis, Gg. - Cl. Nav. 2p. 122: - (am. Erg.) -

+ maendrina, Cl. Nav. 2p. 127-4f 14:

+ magellanica, Cl. Nav. 2p. 136: Atlas 254:

Cl. Nav. 2p. 117-3f 30, 31:

+ marina, W. Sm. - M. J. 1858 p. 206: - (a. protunda): - Oestr. 1897 p. 324:

" var. arenicola, Sm. - Cl. & M. #310: - (am. arenicola.)

mexicana, Oestrup 1897 p. 324:

LINEATA, Greg. D.C.p.40-4f70; M.J. I357p.71-If32; Breb. D.C.p.13; Carr. p.322; Carr.p.101; Reinhard Floz. 1, Baltic: Lens, Vol.21.32-3121, No. 54; Petit, Nimba; Cat.p.19; Cl. & M. I35; Vega p.461; Nares; J.P.V.S. I379p.377; Atlas 26f59, 32-35; 27f15; Grun. I373p.3; Nimba; Villef. p.40; Gallik, Papan; Wollé pl.9f15-17; Pant.2p.37; Det.Syll.p.333; Malaisie:-(A.coffaeiformis, v.: -A.proboseidea, v.: -acutiuscula.)

• v.constricta, Grun. I373p.105; Det.S.p.339; (A. constricta, v.)

• v.subconstricta, Grun. I373p.105-3f5; Det.S.p.339; (A. subconstricta, v.)

LINEOLATA, Donk.-M.J. I351p.12-If13; (A. lineolata, v.) (A. Donk. 11.)--

LINEOLATA, E.-Inf. I. I33-I4f4; Amer. pl. I-3f12; Mg. pl. I3-If19; V.B. I. I07-5f34; V.S.A.p.94; R.S.D.p.31-If9, 10; Breb. D.C.p.13; Fresenius I. 72-4f47, 48; Lens, p.74-If22, No.23; R.E.D.p.92; Atlas 26f51; Sm. Sp. T. 35; Grun. I373p.3; Italy; Cl. I330p.24; Vega p.461; V. A.S.p.57-If13, 23; T.No.6; Hoffmann, Marburg; Wollé pl.9f5; Perag. p.56; Det.S.p.394; (A.bullosa, coffaeiformis, tenera.) Cl. Nav. 2p.120;

LIOCOCCA, E.-Abh. Ber. I358p.595; Det.S.p.413;

LITTORALIS, Donk.-T.M.S. I353p.30-3f15; Prit. p.331-7f32; Mill; Carr. p.101; R.E.D.p.39; Lens, p.72-If15, No.19; Atlas 26f15; Malaisie; Det.Syll.p.330; (A. littoralis, p.p.)--

• v.fossilis, Pant.2p.37; Det.S.p.330;

LOCZYI, Pant.2p.37-5f93; Det.S.p.401; -(A. loczyi, v.)

LUNYACKSEVII, Pant.2p.37; 31. -35f493; Det.S.p.413; (A. lunyacksevi, v.)

LUTEA, Fortm. Cey. p.20-If10; Malaisie; Det.S.p.399; (A. lutea, v.)

LYRATA, Greg. D.C.p.43-5f32; Prit. p.331; Breb. Varr. p.10-If13; Carr. p. 100; R.E.D.p.37; Guinard p.31; Lens, p.33-3f9, No.46; Fortm. Cey. p.15; Atlas 26f1, 2, 3, 7; Lagr. I376p.54; V. A.S. pl. If22; Italy; Perag. p.56; Malaisie: (A. angularis, v.: -A. salina.)

MACILENTA, Greg. D.C.p.33-4f55; Prit. p.332; Carr. p.101; R.E.D.p.91; Lens, p.34, No.60; Fortm. Cey. p.17; Danf. p.19-If3; (A. macilenta, v.)--

• var., A.S., Atlas 26f60;

MAGELLANICA, Petit, Cap Horn p.119-10f14; Notar. I333p.611; Det.S.p.393;

MAGNIFICA, Grav.-Trans. Bot. Soc. Edinb. I364p.575-13f11;

Det.S.p.395; Lens, ^{v2}p.71-If3, No.7; Cl. Nav. 2p.120;

MARINA, W.S.-A.M.N. I. I357p.7-If2; Prit. p.332-7f59; Carr. p.102; Italy: R.E.D.p.95; Grun. I368p.17; I373p.7; Petit Cat. p.19; Fortm. Cey. p.13; Lens, p.37-3f24, No.74; Atlas 27f14; V. A.S. p.58-If10; Perag. p.56; Villef. p.39; Det.Syll. p.410; Cl. Nav. 2p.103; (A. marina, v.)--

• var., A.S., Atlas 27f17, 18; -(A. marina, v.)

MEGAPORA, Pant.2p.33-29f418; Det.S.p.390;

MEMBRANACEA, S.B.D. I. 29-2f19; M.J. I353p.243-3f3; Prit. p.331-7f71; M.D. pl. 12f11; Carr. p.100; Roper, Thames; R.E.D.p.37; Sm. Sp. T. 36; A. J.M. I377p.101; Lagr. I376p.52; Det.S.p.377;

(A.constricta, W.S.: -A. ostrearia; -Stauroneis amphoroidea.)--

MENEGHINIANA, Gastr. I337p.17-27f13; Notar. I339p.631; Det.S.p.415;

MEXICANA, A.S., Atlas 27f47-49; Petit Cat. p.13; Cl. Vega p.510;

Wollé pl.3f24, 25; Malaisie; Det.S.p.409; Cl. Nav. 2p.103-104, 105;

• v.Boryana, Pant.2p.33; Det.Syll. p.409; -(A. Boryana, v.)

• v.fusca, Cl. Nav. 2p.105;

> maritima, Fab. Fig. p. 11-176; Cl. Nav. 2 p. 141:
(Hantzschia marina).

> nikotica, E., Mik. p. 207; Sens 2, p. 88, No. 87; Det. S. p. 418:
+ normannii, Rab. - (A. crinitissima, W.) -

> obesa, Giniel - Det. 1 p. 157-22 f8; Cl. Nav. 2 p. 132:

+ oblonga, - (A. robusta.)

+ obtusa, Gy. - Cl. Nav. 2 p. 131:

- VICANS, A.S. Atlas 27f13; Wollé pl. 3f23; Det. S. p. 394; *(A. dissecta)* Cl. Nav. 2p. 116; Atlas 39f13.
- MILESIANA, Greg. D.C. p. 49-5f33; Prit. p. 331; R.E.D. p. 33; Carr. p. 100; Lens p. 70-1f7, No. 6; Det. S. p. 394; *(A. dissecta)* Cl. Nav. 2p. 116; Atlas 39f13.
- MINUTA, Pant. 2p. 33-1f13; Det. S. p. 394; *(A. dissecta)*
- MINUTISSIMA, S.B.D. Ip. 19-2f30; Hilse 1330p. 66; Prit. p. 331; Heib. p. 111; Carr. p. 101; R.E.D. p. 37; Pop. S.R. 1337p. 399-13f4; Rabh. Alg. Nos. 331, 1031; Kirch. Alg. Schl. p. 190; Schum. 1.7. p. 35; Hall: Lens p. 73-1f19, No. 22; Bleisch, 1363; Sm. Sp. 1.37; Petit liste p. 17; Brin Alp p. 54-3f9; Bellec, Lichon; Perag. p. 53; Italy; Delogne; Malaisie; (A. ovalis, var., & pediculus: *A. delphinoides angusta*); formajuvénis, Rabh. E.D. p. 37; R. Alg. No. 1031b.
- MONILIFERA, Greg. D.C. p. 39-4f69; Prit. p. 332-7f79; Carr. p. 101; R.E.D. p. 90; Atlas 26f32; Lens p. 33-3f23; No. 57; Det. S. p. 33; Malaisie: *(A. dissecta)*
- MUCRONATA, L.L. Sm. Sp. 1.33; A.D. S. 1367p. 17-3f19; J.M. 1379p. 101-5f19; A.J.M. 1377p. 101; Wollé pl. 3f14; *(A. dissecta)* (A. ovalis, var.)
- MULLERI, A.S., Atlas 26f31; Det. S. p. 392; Cl. Nav. 2p. 140.
- MUNDA, A.S., Atlas 40f15; Det. S. p. 413; Cl. Nav. 2p. 141; Balt.
- NANA, Greg. D.C. p. 33-4f64; Prit. p. 334; Floegel p. 90, f12; Fortm. Cey. p. 16; Lens p. 37-3f32; No. 72; Vol. 2p. 234-4f6; Atlas 26f37-70; Villef. p. 40; (A. elliptica, var.)
- NANA, Rabh. Alg. No. 765; Lens Vol. 1p. 31; (A. ovalis, var.)
- NAUANNII, Jan. Gaz. p. 1.22120, 2f; Atlas 39f19; Det. S. p. 1.410; *(A. dissecta)*
- NAVICULACEA, Donk. -M.J. 1331p. 11-1f12; R.E.D. p. 96; Det. S. p. 407; Lens p. 79-3f4, No. 39; *(Pinn. Stauntonii)*
- NAVICULARIS, E., Amer. p. 122, pl. 1-1f12; K.B. p. 108-29f27; K.S.A. p. 95; Prit. p. 335-12f37; Shark River; Lens p. 33, No. 33; Det. S. p. 417; (Navicula?)
- NEOGRADENSIS, Pant. 2p. 33-4f64; Det. S. p. 406; (A. elliptica)
- NEUPAULI, Pant. 2p. 33-1f7; Det. S. p. 401; *(A. coffeae)* - (A. elliptica, var.)
- NOBILIS, Greg. D.C. p. 49-5f37; Prit. p. 331; R.E.D. p. 39; Carr. p. 101; Lens p. 31-3f10, No. 50; Vol. 2p. 233-4f3; Det. S. p. 479; *(A. acuta)*
- NODOSA, Br. -Brin 1391p. 9-12f2; Cl. Nav. 2p. 106.
- NOUANNII, Rabh. E.D. p. 33; Lens p. 31, No. 45 sub; V. 1. S. p. 53; 1. No. 5; Det. S. p. 334; *(A. dissecta)* - Atlas 26f72; Fortm. p. 32; Cl. Nav. 2p. 106; (A. elliptica, var.)
- NOVA, A.S., Atlas 26f73; Cl. & M. 267 sub;
- NOVA-CALEDONICA, Grun. -Atlas 26f13, 24; Fortm. Cey. p. 17; Wollé pl. 9f12; Pant. 3p. -15f227; (A. porcellus; -A. ostraria, *(A. novae)*)
- NUDA, Fortm. -Ann. Bot. Brit. 1392p. 9-1f2;
- OBLONGA, Greg. D.C. p. 43-5f73; Prit. p. 334; Carr. p. 102; R.E.D. p. 92; Lens p. 72-1f12, No. 14; Floegel, Baltic; Atlas 27f3; Italy; Det. S. p. 412;
- OBLONGELLA, Grun. 1373p. 7-4f20; J.R.M.S. 1379p. 377; Det. S. p. 403; (A. angusta, var.)
- OBTECTA, L.W.B. -B.J.N.H. 1332p. 346-f'A, B, '': Wollé pls. 3f13, 23; 9f9; Lens p. 77-2f12, No. 34; Det. S. p. 407; Cl. Nav. 2p. 141;
- OSTUSA, Greg. 1.M.S. 1337p. 72-1f34; Prit. p. 334; Carr. p. 102; R.E.D. p. 95; Lens p. 70-1f15 No. 5; Atlas 40f14-7, 13-17; Fortm. Cey. p. 27-28f27; Lagr. 1373p. 52; Cl. 1373p. 9; Vega p. 493; J.Q.C. 1337p. 131; Villef. p. 40; Shark River; Mobile; Wollé pl. 3f29, 30; Malaisie; Det. S. p. 404;

- > *oblonga* ... 222, 231, 17, f. 11
 " *occidentalis*, Latr. - Cl. Nav. 2p. 131: - (*a. ocean.*; - *a. nallax* 40, 16, 17)
 " *pereschii*, Pant. - Cl. Nav. 2p. 131: - (*a. Linn.*)
 " *transgaga*, Cl. Nav. 2p. 131: - (*a. alt. quatuor* 40, 16, 17)
 " *radula*, Cl. Nav. 2p. 131:
ocellata, Cl. Nav. 2p. 133:
 " *cingulata*, Cl. Nav. 2p. 133-3439: - (*a. int.*) - Cl. Nav. 2p. 133:
 " *var. intermedia*, Cl. Nav. 2p. 133: - (*a. int.*)
 " *var. ornaticornis*, Cl. Nav. 2p. 106: - (*a. nacha-huseni*) *a. oe. var. farg.*: -
 + *oculus*, Cl. Nav. 2p. 106: - (*a. nacha-huseni*) *a. oe. var. farg.*: -
 " *var. fuscicornis*, Cl. Nav. 2p. 106: - (*a. m. farg.*)
 - *a. littoralis* + *a. int.*: *elegans*, Hb.: -
 + *astrea*, Bred. - (*a. int.*)
Oestrup 1897p. 324:
 " *v. lineata*, Cl. - Cl. Nav. 2p. 130: - (*a. littoralis*, Cl. m.)

- *oculus*, Bred. - *Oestrup* 1897: *Borscor* pl. 1f19:
 " *v. lineata*, Cl. - Cl. Nav. 2p. 104: *Oestrup* 1897p. 324:
 > (*a. affinis*; *Silyca*; *abbreviata*; *protus*, var.; *Stambii*; *succavis*;
Szontagii; *verrucosa*; *ovalis*, v. *affinis*;
 + *oculus*, Bred. - (*a. gracilis*; - *a. minor*, Cl. m.)
 + " *v. g.* *affinis*, - (*var. Silyca*; *a. abbreviata*; - *a. forma minor*, Hb.)
 + " *v. g.* *pediculus*, K. - Cl. Nav. 2p. 105: -
 (*Cymbella* sp.: - *a. ped. v. minor*; - *a. borealis*; *a. lobosa*; *Silyca*, v. *int.*;

formae minutae, cl. *nav. 2p. 131*:

vars., A.S. Atlas 401 II; 134; --, 451 III. Cey. 1. 22-24 f 17:

v. fossilis, Pant. 2p. 33; Det. Syll. p. 404;

OBUSIUSCULA, Grun., Atlas 23 f 7; Det. S. p. 402; *cl. nav. 2p. 131*:

OCEANICA, Castr. 1337 p. 20-27 f 20; Det. S. p. 377: - (*A. oblonga*, v.)

OCELLATA, E.-Mg. 1353 p. 33; Abh. Ber. 1352 p. 35-If 10; Lens Vol. 1. 1. 33 f 10

OCELLATA, Dorkin. -M.S. 1331 p. II-If 11; Prit. 1. 335; R.E.D. 1. 37; Lens, p.

70-If 2, No. 2: Malaisie; Lagr. 1373 p. 52; V. 1. S. p. 55-If 26; Det. S. p. 377;

v. samalensis, Grun. Cl. -Vega p. 461: (*A. oblonga*, v.) (Amphora S.)

+ ACULUS, A.S., Atlas 27 f 52; Pant. 1p. 22-If 127; Det. S. p. 404; +

v. fossilis, Pant. 2p. 33; - (*A. oculus*.)

ORNATA, Fortm. Cey. p. 20-If 9; Det. S. p. 335: *cl. nav. 2p. 131*:

OSTREARIA, Breb. -W.S.A. p. 94; Prit. p. 331; Grun. 1353 p. 17; R.E.D. 1. 33:

+ Lens p. 12-If 13, No. 13; Atlas 23 f 23; Sm. Sp. 1. 39; Fortm. Cey. p. 13; V. 1.

S. p. 55-If 25; Cl. 1330 p. 25; Vega 1p. 461, 492, 507; Malaisie; Det. S. p.

375: *cl. nav. 2p. 129*; (A. labyrinthica & nematocarpa.) --

var. "b", Rabh. E.D. p. 33; V. 1. S. p. 55; Det. S. p. 375: (A. quadrata.) --

var. Belgica, V. 1. S. p. 55; Det. S. p. 375: *cl. nav. 2p. 130*: - (A. Belg.)

y. interrupta, Pant. 1p. 21-If 134; Notar. 1333 p. 464; Det. S. p. 375; (Amph.)

v. minor, Cl. 1330 p. 25; Det. S. p. 375; *cl. nav. 2p. 130*:

v. Nova-Caledonica, Grun. -Vega p. 461: (A. porcellus & Nova-C.)

v. porcellus, Cl. Vega p. 492; Det. S. p. 375: (Amph. p.)

v. vitrea, Cl. Vega p. 461: *cl. nav. 2p. 129*; (*A. Trumbii* - porcellus - vitrea - Nova-Caled.)

OVALIS, W. 3. p. 107-5 f 35, 39; W.S.A. p. 93; R.E.D. 1. 31-9 f 1; S. 1. 1. 19-2 f

23; Front.; Mull; A.M.N. 1. 135 p. 3-If 21-32; Weisse 1350 p. 359-If 11; R.

D. ex. No. 9; Braemar; Marissal; Prit. 1. 333-7 f 55; 9 f 13; M.D. 1. 12 f 10;

Heib. 1. III; Carr. p. 100; Mull; R.E.D. 1. 91, f 21; Pfitzer 1. 32-4 f 9; 6 f 11;

Sp. 1. 9: 4 Boiscow 1. 2 f 2; V. & Z. p. 15-If 15; Roper, Thames: New Zealand;

Grun. 1333 p. 17; Cl. 1333 p. 23; 1331 p. 5, 3; 1391 p. 53; Prollius 1. 55; R.

Abh. Eur. 735; Lanzi, Tor.; Eiden, 1371; Lagr. 1373 p. 45; M.V.S. 1373 p. 33;

Lens p. 30-2 f 17; No. 45; Sm. Sp. 1. 40; Atlas 23 f 100-III; Ebert, Cassel; M.

T. P. 3-1-2: V. 1. S. p. 59-If 1; T. No. 1; Danf. 1. 19; Brin 1p. 1. 55-If 5; Pet.

& Leud.; liste p. 17; Kinnord; Lake Michigan; Italy; Gallia, Papan;

Macdonald 1. 10 f 27; Hoffmann, Marburg; Deloigne: Bellec, Lichen 1. 44 f 9;

Spamer, Guren; Perag. p. 56; Wille 1p. 4 f 29-32; Tanarek 1379 p. 44 f 22; Det.

S. p. 411; Malaisie: -Herib. 1. 32: *a. cl. 1895 p. 24; nav. 2p. 130*:

(Navic. amphora; -Cyclotella; -Cymbella; -List. copulata & S.: -A. alaris,

angularis, gigas, munda, lobulosa, incisa, nana, nematocarpa,

perminuta.)

var. "minor", W. 3. p. 107; V. 1. S. p. 59: *cl. nav. 2p. 130*; (A. porcellus, v.)

+ var. "p" affinis, W. -V. 1. S. p. 59; Cl. 1391 p. 53; Det. S. p. 412: -

var. "r" *formae minor*, V. 1. S. p. 59; (A. porcellus, minor.) -

var. "a" pediculus, V. 1. S. p. 59; T. No. 3; Cl. 1391 p. 53;

Det. S. p. 412: (A. minutissima; -Cymbella pediculus.)

var. "d" *formae exilis*, Grun. -Det. Syll. p. 412: *W.S. p. 59*:

v. elliptica, W.S. -R.E.D. p. 92; Dippel p. 3; Pet. liste p. 17:

v. gracilis, E. -Det. S. p. 411: *cl. nav. 2p. 130*; (A. porcellus.)

v. globosa, Schum. -Cl. 1391 p. 53: - (*var. "d"*) - (Amphora p.) ---

v. nana, Rabh. E.D. p. 92; (A. nana.)

> ovum, Cl. Nav. 2p. 102-4f12: Atlas 26f40:

Pecten Br. - (*A. praevalida* - *alveolata* - *scalaris*.)

" *P. Argus*, Cl. Nav. 2p. 110:

> Peragalli, Cl. Nav. 2p. 124: - (*Amphora*? of Per. Vill. p. 40-3f26

+ Petiti, - (*A. ostrearia*, pp.)

polaris, Ostreus, Mar. S. p. 408-3f2: Oestr. 1897p. 326:

> praevalida Jun. Gatz 2 of 21: - (*A. pecten*.)

> praevalida, Cl. Nav. 2p. 112-4 + 26:

> prisca, Cl. T. Bro. - Cl. Nav. 2p. 131:

+ Proteus, G. - (*A. prot.* v. *Kariana*; *A. hexagonalis*; *A. speciosa*) Ostreus 1897p. 32:

" var., *d. s. alba* 28f1: - (*A. ovalis*, v. *Liljea*.)

" var., *alata*, Cl. Nav. 2p. 103:

" " *contigua*, Cl. Nav. 2p. 103: Atlas 27f7-9; 28f4: Ostreus 1897p. 324:

- var. pellucida, Rabh. E.D. p. 92; R. Alg. 735 sub: (A. pellucida.) --
 var. Lake Michigan:
 PARABIELLA, Floegel p. 33, 13; Lens 2p. 234-4f2: Italy; Det. Syll. p. 33;
 PARADOXA, E. - Mik. p. 35; Det. S. p. 413;
 PARASITICA, Bleisch 1333p. 76: (A. minutissima.) ---
 PECTEN, Br. - Brun 1301; 9-1f24; LeD. No. 111. 157-2215-7: ~~Cl. Nav. 2p. 116~~ -
 PEDICULUS, K. - Grun., Atlas 26f99; Cl. & M. No. 137; Fortm. Cey. p. 13; V. 1.
 S. pl. 1f6, 7; T. No. 3: Perag. p. 53; Gallik, Pagan; Herib. p. 63:
 (A. affinis, minutissima & ovalis, var. p.)
 v. exilis, Grun. - V. 1. S. pl. 1f9, 10; Herib. p. 63: - (A. ovalis, ^{var. d.} forma ex)
 v. major, Herib. p. 63: ~~Cl. Nav. 2p. 116~~ - (A. ovalis, ^{var. d.} forma ex)
 v. minor, Grun. - V. 1. S. pl. 1f3; Herib. p. 63: (A. ovalis, minor.)
 PELLUCIDA, Greg. D. C. p. 41-4f73; Prit. p. 333; Carr. p. 102; Lens p. 73-2f
 15, No. 33; Wolle p. 1319, 17; Det. S. p. 405: - (A. ovalis, var., & incl. v.)
 vars., A. S., Atlas 27fII, 33, 37, 65: - (A. commutata.)
 PERMAGNA, Pant. 2p. 33-3fII3; Det. S. p. 403; - (A. diluta.)
 PETITII, Brun & T. p. 15-9f16; Det. S. p. 332; Ann. Bot. Brit. 1892p. 10-1f3: +
 PERPUSILLA, Grun., Atlas 26f93; V. 1. S. p. 53-1fII; T. No. 4: Det. S. p. 400:
 Grun. 1334p. 50-1f3: Cl. Nav. 2p. 105: (A. coffaeiformis, v. p. p.)
 PHILLIPICA, Cast. 1337p. 19-27f2; Det. S. p. 413;
 PLEUROSIGMA, Brun & T. p. 15-7f13; Det. S. p. 406: Cl. Nav. 2p. 133:
 PLICATA, Greg. - T. M. S. 1357p. 70-1f31; Prit. p. 334; Carr. p. 102; R. E. D. p.
 96; Cl. 1333p. 237; Java p. 12; 1873p. 21; Vega p. 462; Lens p. 73-2f3, No.
 25; Atlas 26f50; Shark River; Wolle 22f25; Malaisie: - (A. lineolata, n.)
 POLYZONATA, Cast., 1337p. 13-27f13; Det. S. p. 415; - (A. quadrata.)
 PORCELLUS, Vitton. - Atlas 26f25; 39f15-17; Fortm. Cey. p. 17;
 Cl. 1873p. 9; Villef. p. 40: (A. ostrearia, v. vitrea.)
 PROBOSCIDEA, Greg. D. C. p. 54-6f93; Prit. p. 332; Carr. p. 101; R. E. D. p. 90:
 Pet. Cat. p. 13; Lagr. 1373p. 54; Lens p. 71-1fII, No. 13; Villef. p. 40;
 (A. affinis, W. S.: - A. lineata.) Cl. Nav. 2p. 113-3f19-21:
 PROTEUS, Greg. D. C. p. 46-5f81; Prit. p. 333; Carr. p. 102; R. E. D. p. 93; Cl.
 1367p. 667; Nares; 1873p. 20; Vega pp. 462, 493, 510; Fortm. Cey. p. 13; M.
 T. P. 3-I-I; Eiben, 1871; Lanzi 1873p. 6; Ostia p. 23; Lagr. 1373p. 54;
 Atlas 27fII-7, 63; 39f23, 24; Lens p. 79-3fI; No. 41; Pet. Cat. p. 17:
 Shark River: Mobile; Italy: Villef. p. 39; Wolle pls. 3f10, II; 9f19;
 Pant. 2p. 39; Malaisie; Herib. p. 64; Cl. Nav. 2p. 103: ~~Det. Syll. p. 33~~ (A. affinis.)
 v. Karana, Grun. - Cl. 1330p. 24-1f7; Vega p. 462: (A. Karana v. 1873p. 20)
 v. Mexicana, A. S. - Vega p. 493: - (A. Mex.)
 v. parvula, Floegel, Lens Vol. 2p. 234-4f4; - (A. pusio?)
 v. robusta, Greg. - Cl. Vega p. 493: - (Amph.)
 PROTRACTA, Pant. 2p. 39-1f5; Det. S. p. 390: - (A. cingulata, Pant.)
 PSEUDO-CINGULATA - Det. Syll. p. 333: - (A. cingulata, Pant.)
 PULCHRA, Grev. - Trans. Bot. S. Edinb. 1833p. 575-15f2; Det. S. p. 395;
 Lens, p. 71-1f9, No. 9: (Amicula.)
 PUSILLA, Greg. D. C. p. 53-3f95; Prit. p. 335; Carr. p. 103; Fortm. Cey. p. 15:
 Lens, p. 75-2f10, No. 23; LeD. No. 111. 159-23f3, 4; Det. S. p. 390; ~~Cl. Nav. 2p. 102~~
 PUSIO, Cl. Nav. 2p. 102-3f40: - ~~Det. Syll. p. 33~~ (A. pusio?)
 Oestrup 1897p. 324:

> Rattrayi, Cl. Sm. #310; Cl. Nav. 2p. 133:

> rectilincata, Cl. Gro. - Cl. Nav. 2p. 139-4 f 24, 25:

> rhombica, var. gracilior, Cl. Nav. 2p. 127:

" var. intermedia, Cl. Nav. 2p. 127:

+ robusta, Gg. -

" var. fusca, Cl. Nav. 2p. 103:

" " minor, Dannf. p. 20-1 f 7: - (a. commutata,)

" " subplicata, Cl. Nav. 2p. 103:

+ > Schmidti, var. flexuosa, Gv. - Cl. Nav. 2p. 120: - (a. flex, Grev.)

" var. sinuata, Gv. - Cl. Nav. 2p. 120: - (a. sin, Grev.)

> Scala, var. alata, Cl. Nav. 2p. 108:

+ Schleinitzi, Jan. - (a. Schleinitzi, v. Schl.)

+ Schmidti, Gn. - Atlas 27 f 51: -

" forma major, Cl. Nav. 2p. 107; Atlas 28 f 3: - (a. Sch., p. p.)

" " minor, Cl. Nav. 2p. 107:

" var. alata, Cl. Nav. 2p. 107:

" " Schleinitzi Jan. - Cl. Nav. 2p. 107: - (Em. Schl.)

- QUADRATA, Breb.-W.S.A.p.95; Prit.p.33I; R.E.D.p.33; Atlas 25f2f, 22;
 Lens p.72, No.13; V.4.S.pl.1f24; (A.ostrearia, "b": -A. (parulidus.)
 " var., Grin.1333p.17; Atlas 25f5;
 QUADRATA, Greg.D.C.p.49-5f35; Hall; Lens p.77-2f7, No.3I: -(A.Gregorii.)-
 QUADRICOSIATA, Rabh.S.D.p.29f5; Lens p.33, No.73 sub;
 Atlas 26f75-30: (A.Hohenackeri, tumida & veneta.)-----
 " var., A.S.Atlas 26f74: -(a.veneta.)
 RECTA, Fortm.Cey.p.2I-1f14;
 RECTA, Grin.-V.4.S.pl.22(2)f9, 10; Det.Syll.p.343: (Amphoropsis.)-
 RECTANGULARIS, Greg.-T.M.S.1357p.70-5f29; Prit.p.33I; R.E.D.p.33;
 Carr.p.10I; Lens p.32-3f13, No.52; wolle pl.9f14; Det.S.p.333; Cl. Nav. 2p. 141;
 REICHARTIANA, Grin.-Hedw.1367p.25; Lens p.34, No.62; Atlas 39f33-35;
 wolle pl.4f9; Det.S.p.413: Cl. Nav. 2p. 140;
 RHOMBICA, Kitton.-Atlas 40f39; Perag.Villef.p.4I; Malaisie;
 Det.S.p.413; Cl. Nav. 2p. 127;
 RIMOSA, E.-Amer.p.79; Abh.Bel.134Ip.367; Mik.pls.5-1f27; 13-2f17;
 Mg.1353p.33; V.B.p.103; Prit.p.33I; R.E.D.p.33; Lens p.3I-3f12, No.
 49; Italy; wolle pl.3f23; Det.S.p.333; Cl. Nav. 2p. 141;
 ROBUSTA, Greg.D.C.p.44-5f79; Prit.p.333; Carr.p.102; Guinard p.3I; R.
 E.D.p.93; Lens p.30-3f2, No.44; Atlas 27f33-4I; Grin.1373p.4; Fortm.
 Cey.p.18; Pet.Cat.p.16; Gannf.p.20: Lagr.1373p.54; Shark River;
 Cl.Vega pp.462, 510; Italy; Perag.p.56; Villef.p.40; wolle pl.3f1-3;
 A.M.M.O.1391p.1f8; Det.S.p.403; Cl. Nav. 2p. 103; (a.commutata p.p.)
 " var., A.S., Atlas 27f44; Cl.Vega p.462; Villef.p.40;
 SALINA, S.B.D.Ip.19-30f25I; Breb.D.C.p.13; Prit.p.332; R.D.Ex.10; R.
 E.D.p.90; Jan. & R.p.4-3f12; Carr.p.10I; Hall; Eul.Sp.7.10; Fresenius
 p.70-4f30-42; Eiben, 137I; Guinard p.3I; Atlas 26f8I; Lens p.34-3f29,
 No.59; Sm.Sp.7.4I; Fortm.Cey.p.16; V.4.S.p.57-1f19; 1.No.II; Italy;
 Perag.p.56; wolle pl.9f3; Cl.139Ip.53; Gerib.p.32; Det.S.p.333;
 (A.borealis, coffaeformis & lyrata.)
 " var. "b" minor, V.4.S.p.57; Det.S.p.333; -(A. Coff. var. borealis.)
 " v.fossilis, Pant.2f.39-3f47; Det.S.p.333; -(a. borealis.)
 SARMATICA, Pant.Ip.7 -15f135: (A.intersecta, var. S.)
 SARNIENSIS, Grev.-T.M.S.1362p.95-9f12; Carr.p.100; Lens p.7I-1f4, No.
 II; Atlas 25f60; Fortm.Cey.p.14-1f3; Malaisie; Det.S.p.417; Cl. Nav. 2p. 140;
 SCABRIUSCULA, Cl. & Gro.-Led.No.15p.56-3f7; Cl. Nav. 2p. 140.
 SCALA, Cl. & Gro.-Led.No.III.153-22f13, 19; Cl. Nav. 2p. 141;
 SCALARIS, Castr.1337p.13-27f9; Notar.1339p.532; Det.S.p.415; -(a.pectin.)
 SCHLEINI2II, Jan.-Gaz.pl.22f14-17; Atlas 39f9-II; Det.S.p.413;
 SCHMIDTII, Grin.-Hedw.Vol.17p.126; J.R.M.S.1373p.240; Pet.Cat.p.17;
 Atlas 23f2, 3; Fortm.Cey.p.16; Cl.Vega p.492; wolle pl.3f5;
 Det.Syll.p.410; Cl. Nav. 2p. 106;
 SCOTICA, W. Sm.-Lens Vol.1.37, No.74 sub: (a. minor.)
 SEJUNCTA, Pant.3p.2. -35f495; Cl. Nav. 2p. 142;
 SEMEN, E.-Mik.pl.33A-17f10; Det.S.p.413;
 SENDAIANA, Br.-Brin 139Ip.9-12f1a-c; Cl. Nav. 2p. 138;
 SEPULTA, Pant.Ip.22-24f223; Notar.1336p.403; Det.S.p.390: -(a. hirtellana.)

+ Stenophora, Cast. - Cl. Nav. 2p. 129-4 f 33, 34:

Stentis, Gr. - Cl. Nav. 2p. 114: - (a. contracta, w.) -

Sulcata, Bb. - subc. of Samf - a. lineola)

" var. elongata, Cl. Nav. 2p. 113: - (a. lineola)

- Szabo, Pt. - (a. arenata, Pt., & hevesensis, Pt.; a. weissenri;
a. coffeyensis, a. parvulus, Pt.; a. nanita, Pt. -

+ terraris, Act. 1897 p. 325

terraris, w. limbata, Cl. Nav. 2p. 123.

> Stegilla, Cl. Nav. 2p. 120: Atlas 25 f 78-80:

- SINGATA, Grav.-Trans. Bot. Soc. Lond. 1891. 575-1717; Lens Vol. 1. 30-315, 15.
43; Atlas 25f75, 79; Petit Cat. p. 17; Det. Syll. p. 391; - (A. ~~ovata~~ *ovata*)
- SPECIOSA, Casti. 1337 p. 17-2711; Det. S. p. 407; - (A. ~~ovata~~ *ovata*)
- SPECTABILIS, Greg. D. C. p. 44-5f30; Prit. p. 335-7f57; Carl. p. 102; R. E. D. p. 95; Breb. Verm. p. 10; Floegel, Baltic; Lens Vol. 1. 30-315, 15. 42; Atlas 40f20-23; Carl. 1373 p. 54; Petit Cat. p. 17; Floegel, Cey. p. 17; Cl. Ver. 1. 432; Par. p. 50; Brun & T. p. 33; Woll. p. 317, 3; Malaisia; Det. Syll. p. 403; *Cl. Nav. 2p. 132*; (A. dubia & fuscata.)-----
- var., A. S., Atlas 40f13, 19; Brun & T. p. 33; Fortm. Cey. p. 19;
- SOELSVIGENSIS, Petit Cat. 1891 p. 120-10f15; Atlas 25f17, 18; Notat. 1333 p. 311; Det. S. p. 335; (A. ~~ovata~~ *ovata*)
- STAUBII, Part. 3 p. 1. - 10f171; - (A. ~~ovata~~ *ovata*)
- STAUROPHORA, Part. 3 p. 1. - 15f223; - (A. Pantocssii.) *Cl. Nav. 2p. 141*
- + STAUROPHORA, Danf. p. 20-1f9; Det. Syll. p. 330;
- STAUROPHORA, Casti. 1337 p. 20-2715; Notat. 1339 p. 332; - (A. ~~ovata~~ *ovata*)
- STAURONEIFORMIS, Lorenz Mss.: (A. decussata.)-----
- STAUROPTERA, Bailey N. S. p. 3, f14, 15; Prit. p. 335; Lens Vol. 1. p. 39; *Skolithropis*; - (A. ~~ovata~~ *arctica*.)
- STRANGLATA, Floegel, Cey. p. 19; Atlas 25f151; Det. S. p. 415;
- STRATA, Part. 1. 39-17f150; 21. 39-2f31; Det. S. p. 390; - (A. ~~ovata~~ *ovata*, v.)
- STRIGATA, Part. 3 p. 1. - 11f151; *Cl. Nav. 2p. 141*; (A. ~~ovata~~ *ovata*)
- STRIDATA, Part. 21. 39-2f25; Det. S. p. 393; - (A. ~~ovata~~ *ovata*)
- STUDERI, Jan.-Gaz. p. 1. 22f1; Atlas 39f1; Det. S. p. 410; (A. ~~ovata~~ *ovata*)
- SUAVIS, Part. 3 p. 1. - 23f415; - (A. ~~ovata~~ *ovata*, v. *Lilysca*)
- SUBINFILATA, Grun., Atlas 25f43, 49; Cl. Ver. 1. 402; Det. S. p. 395; (A. ~~ovata~~ *ovata*)
- SUBPUNCTATA, Gr. & St. - J. R. C. 1371. 131-10f3; Det. S. p. 33; *Cl. Nav. 2p. 141*
- SUBTILIS, Grun. - Cl. & M. No. 255 sub; Det. S. p. 419;
- SULCATA, Breb. D. C. p. 13, f3; Greg. D. C. p. 51-5f92; M. J. 1358 p. 24-3f7; Prit. p. 333; Breb. Verm. p. 10; Carl. p. 102; R. E. D. p. 95; Floegel, Baltic; Lens, p. 75-2f11, No. 29; St. S. p. 1. 19; Atlas 25f43, 47; 27f12, 13; Grun. 1373 p. 7; Floegel, Cey. p. 19; Jan. 1. 20-2f3; Par. p. 1. 50; Villef. p. 41; Itay; Cl. 1391. 53; Det. S. p. 407; *Cl. Nav. 2p. 141*; - (A. ~~ovata~~ *ovata* & *crassa*.)-----
- SUMATRENSIS, Floegel. - Ann. Bot. Brit. 1392. 10-117; - (A. ~~ovata~~ *ovata*)
- + SZABOI, Part. 21. 39-2f20; Det. S. p. 40; *Cl. Nav. 2p. 141*; - (A. ~~ovata~~ *ovata*)
- SZOMTACII, Part. 21. 39-7f153; Det. Syll. p. 401; - (A. ~~ovata~~ *ovata*)
- TAYLORI, Grun. - V. 1. 1. No. 13 sub; Det. S. p. 419; - (A. ~~ovata~~ *ovata*)
- TENERA, S. B. D. 1. 20-30f252; Prit. p. 335; 411; Carl. Vol. 1. 30-315, 15. 42; A. J. M. 1377 p. 102; Cl. Ver. 1. 401; (A. ~~ovata~~ *ovata*, l.)-----
- TENUIS, Floegel, p. 90, f17; Lens Vol. 21. 235-4f7; Leaw. 1373 p. 99; Det. Syll. p. 405;
- + TERRORIS, E. - Abh. Ber. 1353 p. 255; Mg. 11. 35A-23f3; Prit. p. 362; Lens, p. 33-3f20, No. 53; Det. S. p. 415; *Cl. Nav. 2p. 122*; (A. ~~ovata~~ *ovata*)
- > TERTIARIA, Part. 21. 39; 3 p. 1. - 15f225; Det. S. p. 415; *Cl. Nav. 2p. 142*;
- TESSELLATA, Gr. & St. - J. R. C. 1371. 131-10f1; Notat. 1337 p. 332; Det. Syll. p. 399; *Cl. Nav. 2p. 141*;
- > THAITIANA, Casti. 1337 p. 19-27f15; Det. Syll. p. 403; - (A. ~~ovata~~ *ovata*)

+ veneta, Gg. - Cl. Nav. 2p. 112-3f17, 18:

tumidula, Gm. - Reibh. d. l. y. Eur. #1716: Cl. Nav. 2p. 119

+ veneta, K. - {*A. fasciata*, E.; - *A. Hohenackeri*; - *A. tumidula*; -
A. hyalina, v. *parvula*; - *A. Lilyca*, of H.L.S.; - *A. Coffaeiformis*, H.L.S.}

> virtuata, Cl. Nav. 2p. 115-4f30-32:

Wittsteinii, Cl. Nav. 2p. 140:

- TRANSYLVANICA, Pant. 3p. 1. -If12; *Cl. Nav. 2p. 141*;
 TREUBII, Fortm. -Ann. Bot. Brit. 1892. II-If7: - (*A. ostiaria*, v. *vitrea*)
 TRUNCATA, Greg. D.C.p. 44-4f7; Prit. p. 333; Carr. p. 102; Atlas 23f4;
 Lagr. 1873 p. 52; Lens p. 73, No. 29 sub; Woll. pl. 3f27; Det. S. p. 477;
 TUMIDULA, Grun., Idem. 1864. 175; Sm. Sp. 1. 3f; Lens Vol. I p. 73; *Cl. Nav. 2p. 141*;
 Det. Syll. p. 414; (*A. venusta*) - (*A. ichneumon* & *quadricostata*.) ---
 TURGIDA, Greg. D.C.p. 33-4f33; Prit. p. 332; Carr. p. 101; R.E.D. p. 90; Cl.
 15/31. 9; Vera p. 493; Atlas 25f22, 23, 25, 27, 28, 31; Petit Cat. p. 13;
 Lens p. 35-3f27, No. 33; Perag. p. 56; Woll. pl. 3f13, 19; Villef. p. 39;
 Det. S. p. 333; *Cl. Nav. 2p. 123*; (*A. recta* & *ventricosa*.) ---
 TURGIDA, E.-Mik. 1866 p. 33;
 UNDATA, A.L. Sm. -Lens Vol. 1. 70-If21, No. 4; Cravillea 1873 p. 27;
 Det. Syll. p. 414;
 UNDATA, Fortm. -Ann. Bot. Brit. 1892. II-2f1: *N.B. H.L.S. Lens Vol II p. 7*
 UNDULATA, Grun. -Tr. Bot. Soc. Edinb. 1831. 575-15f3; Det. Syll. p. 391;
 Lens Vol. 1. 71-If10, No. 12;
 VALIDA, Perag. Villef. p. 40-3f25; Notar. 1890 p. 33; Det. S. p. 413; *Cl. Nav. 2p. 102*;
 VENATA, V.B. p. 103-3f25; K.S.A. p. 94; Prit. p. 334; R.E.D. p. 91; Lens p.
 34, Nos. 53, 57; Italy: Atlas 27f13; Sm. Sp. 1. 43; V. 1. 9. p. 53-If17; T. No.
 10; Perag. p. 56; Woll. pl. 3f12, 13; Idem. p. 32; Det. S. p. 397; *Cl. Nav. 2p. 111*;
 (*A. aponina*, *borealis*, *quadricostata*.) ---
 VENTRICOSA, Greg. D.C.p. 39-4f33; Prit. p. 332; Carr. p. 101; R.E.D. p. 91;
 Grun. 1863 p. 17; Lens Vol. 1. 35, Nos. 34, 36; Floegel, Baltic; Lagr. 1873 p.
 55; Girard Boss. 1. 9, 12-If6; 2f12; (*A. magnifica*) - (*A. tur.* var.) ---
 VERRUCOSA, Pant. 3p. 1. -10f133; - (*A. malis* & *Lilys*)
 VITREA, Montagne Ann. Sci. Nat. 1. 157; Basset, sur les eaux St.
 Nectaire p. 39; Det. S. p. 392;
 VITREA, Cl. 1863 p. 237-4f5, 6; Lens p. 72-2f1, No. 16;
 Lagr. 1873 p. 52; (*A. Kamorthensis*.) ---
 VITTATA, Pant. 2p. 39 & 3p. 2 -22f323; Det. Syll. p. 332; *Cl. Nav. 2p. 142*;
 VULGARIS, E.-Mik. p. 79; Det. Syll. p. 413;
 WACHENHUSENII, Jan. -Gaz. pl. 22f47; Atlas 40f33; Det. S. p. 413;
 WEINECKII, Jan. Gaz. pl. 22f13; Atlas 39f20; Det. S. p. 402; *Cl. Nav. 2p. 102*;
 WEISSELOGII, A.S., Atlas 25f53, 59; Petit Cat. p. 13; Grun. 1863 p. 17;
 Cl. Vera p. 432, 491; Det. S. p. 334; *Cl. Nav. 2p. 116*;
 WEISSNERI, Pant. 2. 40-3f45; Det. S. p. 390; (*C. rosetta* *facillata*, 1. 1.) ---
 WITSTEINI, Jan. -Gaz. pl. 22f23, 27, 43, 45; Atlas 39f5, 7; Det. S. p. 397;
 ZEBRATA, Brun & T. p. 16-7f14; Det. S. p. 402; (*A. cyanea*) ---
 ZEBRATA, A.S., Atlas 25f11; Cl. Vera p. 510; Det. Syll. p. 392; (*A. magnifica*) ---

AMPHOROPSIS. --- (*Grun. 1863*)

- COMPLEXA, Grun. in litteris.: - (*auricula*) (Amphora c.) ---
 DECIPIENS, Grun., in V. 1. S. *Amph. 2p.* (Amphora; -Amphora plicata.) ---
 RECTA, Fortm. -Grun. in V. 1. S. (Amphora.)

ANAULUS. ----- (*Chr. 1844*)

- , DeToni in Oss. Bac. 1891 p. 911;
 --, E.-Abh. Ber. 1872 pl. 2f22; (Plagiogramma.)

+ Mediterraneus, Atlas Zool 22:

Anomoeoneis.

+ bipunctata, Gn. - Cl. Nav. (2) p. 8: - (Nav. 6.)

+ Exilis (Achmann, microcephalum).

" v. gompardiana, Gn. - Cl. Nav. (2) p. 8: - (Nav. 9. comp. 8.)

" v. thermatis, Gn. - Cl. Nav. (2) p. 8: - (Nav. 9. series, v. therm.)

+ maeracana, Pant. - Cl. Nav. (2) p. 7: - (Nav. m.)

militica, Pant. - Cl. Nav. p. 7 (2): - (Nav. men.)

sculpta, v. major, Cl. Nav. (2) p. 6

- p. 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

Sphaerophora, K.

" var. biceps, E. - Cl. Nav. (2) p. 6: - (J. biceps, E.)

CLITELMINTELLA. - (Schuett, 1892) -

gigas, (Castr.) - Schuett in Det. Syl. p. 1424: - (E. bimodiscus) -

Aploteila Kz. 1835.

(subgenus of Thustelia - Kz 1835 p. 8.)

BIROSTRATUS, Grun.-V.H.S.pl.103f1,2; Cl.Vega p.509; Atlantic City; J. Q.C.1837p.77; Wollé pl.64f12-14; Malaisie; Det.Syll.p.339;

(A.Mediterraneus; -Biddulphia.)----

' forma angustior, Grun.-V.H.S.pl.103f3;

' var., Grun., V.H.S.pl.22(2)f15;

CAMPYLODISCUS, E.-Abh.Ber.1844p.265: Prit.p.359:-(Euodia Gracilifolia.)

CONSTRICUS, E.-Abh.Ber.1844p.265:-(Eunotogramma Fraienfeldii.)--

DEBILIS, Grun., V.H.S.p.202-126f17-19: (Eunotogramma.)-----

FOSSUS, Gro. & St.-Grun., in Botan.Centralb.1833No.15:-(Biddulphia.)----

INDICUS, E.-Abh.Ber.1845p.36: (Terpsinoe.)---

LATECAVATUS, Brun & T.p.16-1f13; Det.Syll.p.390;

+ MEDITERRANEUS, Grun.-Cl. & M.No.154; V.H.S.pl.102f3,10,11; Det.S.p. 389: Malaisie; Pant.Ip. -18f160:-(A.birostratus, v.: -Biddulphia.)-----

' v.intermedia, Grun.-V.H.S.pl.102f9: Atlas 200+23: (A.birostratus.)--

MINUTUS, Grun.-V.H.S.pl.103f4,5; Cl.Vega p.503; Det.S.p.391;

SCALARIS, E.-Abh.Ber.1844p.199: Mg.pl.35A-22f1,2; K.S.A.p.120; L.W.

1856p.68:Prit.p.359-3f37; Jan.Gu.p.11-1a,f23; Det.S.p.390;

SUBCONSTRICUS, Gro. & St.-J.Q.C.1837p.143-14f59,60; Notar.1839p.464;

Det.Syll.p.390:

WEYPRECHTII, Grun., 1834p.6-2f13; Det.Syll.p.390:

ANISODISCUS.--- (Grunow, 1886)

PANTOCSEKII, Grun.-Pant.Ip.67-3f29; 26f241-243; 26f280; 3p. -37f528; Notar.1833p.529; Det.Syll.p.1323:

' v.major, Pant.Ip.67-27f255; Notar.1833p.529: Det.S.p.1323:

ANOMOEONEIS.--- (Pfitz., 1872)

--, Pfitzer p.77:

> BOHEMICA, Pfitzer p.73: -(A.polygramma?) - (Navicula.)-----

BRACHYSIRA, Breb.-Cl.1891p.40: 1895p.14: Nav. (2)p.7: (A. brachysira?)

+ EXILIS, K.-Cl.1891p.40: - 1895p.14: Nav. (2)p.7: (A. exilis?)

> FOLLIS, E.-Cl.1891p.41: - 1895p.14: Nav. (2)p.7: (A. follis?)

+ SCULPTA, E.-Pfitzer p.73; V.H.S.: Cl.1891p.41: Nav. (2)p.7: (A. sculpta?)

SERIANUS, Breb.-Cl.1891p.40: 1895p.14: Nav. (2)p.7: (A. serianus?)

+ SPHAEROPHORA, K.-Pfitzer p.77-3f10: V.H.S.: Cl.1891p.41: Nav. (2)p.7: (A. sphaerophora?)

Gallik, Papan. Cl.1891p.40: Nav. (2)p.6: (A. gallik?)

ZELLENSIS, Grun.-Cl.1891p.40: Nav. (2)p.7: (A. zellensis?)

(Navicula zellensis?)

ANORTHONEIS.--- (Grunow, 1886)

EXCENTRICA, Grun.1833p.10: Det.Syll.p.468: (Cocconeis.)

+ EURYSTOMA, Cleve Nav. 2p.166-3f12: (Alloioneis cocconeiformis.)

ANTHODISCUS.--- (Grunow, 1887)

FLORATUS, Gro. & St.-J.Q.C.1837p.65-6f20: Notar.1837p.343;

Atlas 183f12; Det.Syll.p.1394;

APORODISCUS.--- (Rattray, 1886)

--, J.R.M.S., December, 1833:

OAMARUENSIS, Rattray.-Atlas 149f22:

(Rattrayella.)--

Ehrenbergii

v. splendens, Bn. - Sed. 2, n. 22, p. 232-23 f 7.

+ scintillans 20 f 2 - 6; G. Jms 1858 p. 112.

+ laponicus, Carp. 1 x 9 pl. 12.

Archiamphora
a subgenus of Amphora - vide Cl. Nav. 2 p. 129: - 1893.

--, Canad. Nat., 133p. 510-13f29:-(Arach. Ehrenbergii.)

--, Deane, in Q.J.M.S. 1853p.33:

--, M.M.J. 1373p. 165:

--, G1121a #599.1.13, p.1.4:

BARBADENSIS, A.S., Atlas 33fII; Det.Syll.p. 1313:

+ EHRENBURGII, Bailey & Harv. P. I 74-9f9; Bailey Coll.: S. B. O. II. 26-3ff
256; M. D. pl. 12ff 12, 13; London Clay; Pitt. p. 342; M. & R. S. p. 55; D. S. V.
S. 1335f. 132; "P. 56. Dublin Soc. Club 1335f. 4 cum icones: Can. Nat. 1335f.
510-13f 29; Petit Nimbou; Jan. G. I. II-22, 13, II; OPM. I. O. p. 255; Cl. &
M. 159; Sm. Sp. T. 44; Fritsch & M. No. I; M. T. P. 4-I-7: Atlas 63ff; J. Q. C.
1335f. 177; 1335f. 303; 1337f. 42, 55-4f4; Grm. 1334f. 13; 1335f. 11-59-
19ff 169; 2, p. III; Brun & T. p. 63; Witt 1338p. II: Woll. pl. 9ff; Det.
S. p. 1311; Q. J. M. S. 1858p. 161. (A. japonicus, E.) ---

(A. japonicus, E.) -----

v. Californica, A.S., Atlas 33f3,4; 731I; part. sp. - 191170; 31m x
7.1.63; witt 1833. II-2f3; wolle 11.91f3,4; A.S.M.S. 1391, 1.2142;
Det. Syll. 1. I3I2;

v. affinis, A.S., Atlas 147f2, 3:

v. Inca, (E.) - Pant. Ip. - 19f171:

(A. Indicus.)

v. Montereyana, A.S., Atlas 63f2; Wolfe pl.91f2; Det.S.p.131f2:

v. Oamaruensis, A.S., Atlas I47fI, 4:

GIGANTEUS, Part. 24. III; 3 L. -2f29; 341.S. .1312:

GREVILLEANUS, Harmann.-T.M.S. 1355p.47-5f7; Atlas 63f5; 73f3; witt,
1333p.II-2f12: Det.S.p.1312:

* INDICUS, E.-Abh.Bar.1354p.135; Mg.pl.36f34: Grm.136Op.26; Prit.p.
842; M.D.pl.42f13; Grm.1363p.26; Atlas 14719; Witt 1337p.17-3f1; O.
O.C.1337p.63; Brn. & T.p.63; Part.2.,III; Det.S.f.1312:-(A.211.,var.)

vars., A.S. Atlas 03f0-10:

vars., wolle pl.9If6,7,10,11:

/ JAPONICUS, Shadb.-T.M.S. 1352p.319-24f13-21; Brit. 1352pl.24f13-21;

Bailey Coll.: Bull. Bot. Soc. Franc. 1879 p. 55: (A. J. N. 18.) ---

JAPONICUS, E.-Abh. Ber. I 372 p. 193: ~~Coll. I 381 p. XI~~: -(A. Ehrenberg ii.)

NICOBARICUS, E.-Abh. Ber. 1854p. 165: Mik. pl. 36f35, p. 165:

M.D. 1.42fI4:

(A. JINAGIS.) - - - -

ORNATOS, E.-Abt. 341. 1349. 54: T.M.S. 1353. 15; Part. 1. 342-1113-21; J.M.S. 1365p. 132; Jan. 61. p. 12-1f3; 1" B" f5; Ent. Sp. 7. 12: Gran. 1333. 25: Proc. Dublin Mic. Cl. 1335. 4, ena 1002: Sci. 341. 1. 5-115; S. Sp. 7. 45; Atlas 73f4-5; J.Q.C. 1335. 173; Part. 2p. III; witt 1333p. II-2f15: Det. Syll. p. 13II: (A. Japonicus & Nicobaricus; -dermityctus

(A. Japonicus & Nicobaricus; -deniptychus)

var., A.S., Atlas 73f10:

" v. Montereyana, A.S., Atlas 73f7-9: wolfe pl.91f3,9:

RUSSICUS, Pant. 2p. III; 3p. -15f226; Det. S. p. 1312: -(A. Simbilskianus.)-

SIMBIRSKIANUS, Part.3p. -15f223: Del.Syll.p.1313:-(A.Russians.)-

ARDISSONIA. (1879)

BACULUS, Greg. - Cl. 1830 p. 108; Cat. Syll. p. 676;

(Syl. sub. e.) - - - - -

CORNIGERA, Grun.-Det. Syll. p. 676:

CRYSTALLINA, K.-Grün. in V.A.S.: Cl. 1830, 103; Def. Sy 11. p. 373;

(Diatoma; -Synchize.)

ARDISSONIA. ----

-
- * v. bacillaris, Grun.-Cl. I33Op. I03; Det. S. p. 674: (Synedra b.)
 - * v. fossilis, Part. 2p. 64-26f402: Dew. S. p. 674:
 - * v. insignis, Grun.-Cl. I33Op. I03; Det. S. p. 674: (Synedra i.) ---
 - DALMATICA, K.-Det. Syll. p. 675: (Synedra i.) ---
 - DECIPIENS, Grun. & Cl.-Cl. I33Op. I03; Det. S. p. 675: "
 - FORMOSA, Hantzsch.-Cl. I33Op. I03; Det. S. p. 675: "
 - FULGENS, K.-Cl. I33Op. I03; Det. S. p. 674: (Gomphonema; -Liomoph.; -Syn?)
 - * v. eximia, Grun.-Det. Syll. p. 674: Hew. I367p. 4:
 - * v. cornigera, Grun.-Cl. I33Op. I03; Det. S. p. 674;
 - * v. gigantea, Lobarr.-Det. Syll. p. 674: (Synedra g.) ---
 - * v. Smithii, Grun.-V. I. S. pl. 42f10:
 - PULCHERRIMA, Hntz.-Cl. I33Op. I03; Det. S. p. 675: (Synedra.) ---
 - ROBUSTA, DeNot., Erb. Critt. Ital. I370 serie 2, No. 334; Gior. Bot. Ital. I371p. 95; Hew. Vol. I0p. 42; Breb. Ver. p. 9, f7; Det. S. p. 675: (Synedra.)
 - SUPERBA, K.-Grun., Cl. I33Op. I03; Det. Syll. p. 674: (Synedra.) ---
 - * v. minor, Grun.-Cl. I33Op. I03; Det. S. p. 675:
 - VANHEURCKII, Brin.-DeToni Syll. p. 676: (Synedra.) ----

ARISTELLA. ---- (Kz. / 133) -

- MINGIA, K. Syn. p. 500, f12; (Arist. crinita; -Gomphonema? -red.)

ARTHRODESMUS. --- (Chr. / 14) -

- STRIATULUS, E. ~~Mich.~~ Ber. I34Op. : (Gomphonema ~~Stromb.~~ var. p. -)

ARTHROGYRA. ---- (Chr. / 53) -

- GUATEMALENSIS, E. ^{p. 363} Mik. pl. 33-6f1; Prit. p. 332; M.D. pl. 42f3; Det. Syll. p. I370: (Melosira.) ----
- SEMILANARIS, E. ^{p. 363} Mik. pl. 33-6f2; Prit. p. 332; Det. S. p. I370: - (Melosira.) --

ASTERIONELLA. -- (Hassall, 1845) -

- , Lewis, N. & R. S. p. 63-2f10:
- , ~~Amad.~~ Nat. I338p. 510-13f17:
- BLEAKLEYI, S.B.D. 2p. 32; T.M.S. I36Op. I50-7f10; Prit. p. 779; N. & R. S. p. 33-2f9; Grun. I362p. 403; Carr. p. 31; R.E.D. p. 142; Hull; V. I. S. p. I51-52f1; Malaisie; Villef. p. 65; Woll. pl. 46f7; Det. Syll. p. 679: (A. formosa, var., & notata.)
- * v. notata, Grun.-Hew. I367p. 2: - (A. notata.)
- CLEVELANA, O'M.-M.J. I374p. 259-3f6; Det. S. p. 379:
- FORMOSA, Hassall Mic. Ex. p. 10; S.B.D. 2p. 31; T.M.S. I36Op. I49-7f3; R.E.D. p. 141, f42a; Prit. p. 779-4f17; Grun. I362p. 403; Hew. p. 63-5f20; M.J. pl. 43f14; Carr. p. 31; Hull; Macdonald pl. 10f9; S. S. p. 1. 40; Ann. Al. p. 127-1f12; Lake Michigan; Italy; Delogne; V. I. S. p. I54-51f19, 20; Cl. I39Ip. 63; Woll. pl. 31f16; Hew. p. 142; Det. Syll. p. 673: (A. Bleakleyi & Ralfsii.)
- * v. gracillima, Hntz.-V. I. S. p. I54-51f22; T. No. 345; Woll. pl. 45f14, 3; A.M.M.J. I39Ip. 1f13; Herib. p. 142: (A. gracillima - (Diatoma.) ----

Spathulifera, Cl. - *Ofvers. Sv. Vet. Ak. Forh.* 1897 p. 191:
Cl. 1897 p. 191

affinis

" *v. punctifera*, Grav. - *Atlas 202 p. 118*:

Burboni, Bn. - *Lt. 2. 79. 27 p. 232-24 f. 13*.

- * v. inflata, Grun.-V. I. S. p. 154-51f23; (A. inflata.)
 * v. subtilis, Grun.-V. I. S. p. 1. 71f2; wolle pl. 46f2;
 * v. subtilissima, Grun.-V. I. S. p. 1. 51f24; wolle pl. 46f1;
 FRAUENFELDI, Grun. 1333. 140-141f3; 1333. 4: R. L. S. p. 112; Cl. V. p. 12:
 Del. S. p. 330; Thalassiothrix thalassiothrix; -Thalassiothrix nitzeioides)
 GLACIALIS, Cact. 1337 p. 50-14f1; Notat. 1339 p. 333; Del. S. p. 379:
 GRACILIPHA, 1316. 1. 33-31f9; Schm. 1337. 31; R. L. S. p. 141; Cl. V. p. 75:
 Cact. 1337 p. 51-25f6; Del. S. p. 373: -(A. formosa, v.: -Diatoma.) -
 INFLATA, 1316. 1. 39-31f21; R. L. S. p. 141; Del. S. p. 379:
 (A. formosa, var.: -Diatoma.)
 VARIANA, Grun.-Cl. 1330. 110-31f21; V. I. S. p. 1. 52f4, 5; Cl. V. p. 1. 47;
 Malaisie; Del. S. p. 379:
 NOTATA, Grun.-V. I. S. p. 1. 52f3; wolle pl. 46f3; Del. S. p. 379: -(
 (A. Bleakleyi.)
 RALFII, S. B. D. 2. 31; Bailey M. O. p. 39; T. M. S. 1330 p. 150-7f9; Prit. p.
 779-4f13; Grun. 1332. 403; Cact. 1. 31; R. L. S. p. 141, 142; Cl. V. p. 1. 47;
 V. I. S. p. 1. 52f2; wolle pl. 46f5, 3; Del. S. p. 373;
 (A. formosa, v.: -Diatoma stellare.)
 ROBERTII, Deby Coll. Photogr.: Del. S. p. 379; Delogne:
 SIMILIBRACHIIS, Grev.-A. M. S. 1. 1335. 4-31f5, 6; Del. S. p. 379:
 (Thalassiothrix frauenfeldii.)

ASTERODISCUS. -- (Johnson, 1852)

- JOHNSONI, Ralfs.-Prit. p. 339; Del. Syll. p. 1420: -(A., species omnes.) ---
 MONARIUS, Johnston.-A. J. S. 1352 p. 33; Prit. p. 339; (A. Johnsoni.) ---
 QUINARIUS, Johnston.-A. J. S. 1352 p. 33; Prit. p. 339: -
 SENARIUS, Johnston.-A. J. S. 1352 p. 33; Prit. p. 339;

ASTEROLAMPRA. -- (Chen, 1844)

- , Rabb. E. D. p. 35:
 --, Brun & T. p. 17-3f5: -(A. Grevillei.)
 ADRIATICA, Grun.-Rattr. Rev. p. 634: (A. vulgaris, v.: & Marylandica.)
 AEMULANS, Grev.-T. M. S. 1332 p. 52-3f34, 35; Rattr. Rev. p. 639; Atlas,
 137f13; Del. Syll. p. 1402;
 AFFINIS, Grev.-T. M. S. 1332 p. 55-7f7-9; Atlas 137f4, 5, 17; Rattr. Rev.
 p. 649; Del. S. p. 1403;
 ALIENA, Grev.-T. M. S. 1332 p. 55-3f43; Rattr. Rev. p. 635; Del. S. p. 1400:
 ALIIGIA, Grev.-T. M. S. 1332 p. 51-3f42-43; Rattr. Rev. p. 634; Del. S. p. 1400:
 ARACHNE, Grev.-T. M. S. 1330 p. 123; Atlas 137f27:
 (Asteromphalus (Spatangium) a. 2. 31f18.) -
 BALEARICA, Cl.-M. L. K. D. p. 20-5f59; Rattr. Rev. p. 640; Del. S. p. 1402:
 BEAUMONTII, Grev.-T. M. S. 1330 p. 115: (Asteromphalus.) -
 BREBISSEMANA, Grev.-T. M. S. 1330 p. 114-3f9; Prit. p. 335; wolle pl. 93f7;
 Rattr. Rev. p. 643; Del. S. p. 1404;
 CRISPEDICULATA, Grev.-T. M. S. 1332 p. 43-3f23, 27; Rattr. Rev. p. 643;
 Atlas 137f15; Del. S. p. 1405: -(Craspedouiscus semipennis.) ---
 BROOKII, Grev.-T. M. S. 1330 p. 119-4f18; Sp. Sp. T. No. 43; wolle pl. 93f3;
 (Asteromphalus; -Actinogramma, species multae.)

Maryland,

" ~~W. L. C. B. C.~~ - ~~1842~~, 1842 p. 232-24 f. 141

Maryland, vide Muller in Abh. Ber
1841 p. 232 6 f. 4 without name; 1842
Rathen -

.....

v. appropinquans, Gro.-Rattr. Rev. p. 342:

7 Hallam Atlas 202 f 15:

+ vulgaris, Atlas 202 f 14-16:

- * v. *Aisonia*, *Castr. Med.* I374p. 3I, f3; I375p. 393-3f4; (A. *Marylandica*.) ---
 * v. *fossilis*, *Pant.* 2p. III:
 * v. *major*, *Perag. Villef.* p. 74: (A. *Marylandica*, "b".) -
 MORONENSIS, *Grev.* - *M.O.* I333p. 230-9f3; *Wolle* pl. 3If2;
Atlas 33f24: (Asteromphalus.) ---
 NICOBARICA, *Gr.* - *V.H.S.* pl. I27f7; *Rattr. Rev.* p. 339; *Det. S.* p. I402:
 PELAGICA, *E.* - *Abh. Ber.* I34Ipl. 3f4p. 232; I354p. 233; -(A. *Marylandica*.) ---
 PRINCEPS, *Rattr. Rev.* p. 344; *Det. Syll.* p. I405: -(A. *Grevillei*, v. *eximia*.)
 PULCHRA, *Grev.* - *T.M.S.* I332p. 53-3f37, 33; *Rattr. Rev.* p. 339;
Det. Syll. p. I40I: -(A. *Weissflogii*.?)
 PUNCTATA, *Grev.* - *T.M.S.* I332p. 5I-3f32; *Rattr. Rev.* p. 340; *Det. S.* p. I402;
 RAFFESIANA, *Grev.* - *T.M.S.* I332p. 50-3f3I; *Atlas* I37fI4; *Rattr. Rev.* p. 339;
Wolle pl. 3If3; *Det. Syll.* p. I393:
 ROPERIANA, *Grev.* - *T.M.S.* I330p. II9-4fI4;
 (Asteromphalus; -*Mesasterias Abyssii*.) ---
 ROTULA, *Grev.* - *T.M.S.* I330p. III-3f5; *Prit.* p. 333; *Castr. Med.* I374p. 3I;
 I375p. 393-3f3a; *Rattr. Rev.* p. 343; *Wolle* pl. 93fIO; A.M.M.O. I39Ipl.
 2f47; *Det. S.* p. I404: (A. *Grevillei*, v. *Auratiaca*)
 RYLANDSIA, *Grev.* - *T.M.S.* I332p. 49-3f23, 29; *Rattr. Rev.* p. 343; *Atlas*
 I37f3, 9; *Det. S.* p. I408;
 SARCOPHAGUS, *Grev.* - *T.M.S.* I330p. I24: (A'omph.) -
 SCUTULA, *Grev.* - *T.M.S.* I332p. 52-3f47; *Rattr. Rev.* p. 339; *Det. S.* p. I40I:
 SEPTENARIA, *Johnston.* - *A.O.S.* I35Ip. 33: -(A. *Marylandica*; -*Actinogramma*.) -
 SHADDOLEIANA, *Grev.* - *T.M.S.* I330p. I2I-4fI9; (A'omphalus.) -
 SIMULANS, *Grev.* - *T.M.S.* I332p. 52-3f36; *Rattr. Rev.* p. 333; *Det. S.* p. I40I;
 SPLENDIDA, *Rattray, Rev.* p. 343; *Det. S.* p. I407: -(A. *vulgaris*, "e".)
 STELLA, *Norman, T.M.S.* I33Ip. 6-2fI; -(*Stelladiscus*.)
 STELLATA, *Grev.* - *T.M.S.* I330p. I24-4f20: (Asteromphalus.) ---
 STELLULATA, *Grev.* - *T.M.S.* I332p. 54-7f40; *Rattr. Rev.* p. 333;
Det. Syll. p. I400:
 TENERRIMA, *Rattray, Rev.* p. 349-3fI3, 20; *Det. S.* p. I403;
 TRADUCENS, *Rattray, Rev.* p. 339-3f22; *Det. S.* p. I400:
 URASTER, *Gr. & St.* - *J.Q.C.* I337p. I43-I3f42; *Rattr. Rev.* p. 343;
Det. Syll. p. I407; *Notar.* 1888p. 465:
 VARIABILIS, *Grev.* - *T.M.S.* I330p. III-3f3-3; *Prit.* p. 333; *Wolle* pl. 93f2;
 (Asteromphalus.) ---
 VANHEURCKII, *Br.* - *Brin* I39Ip. IO-I4fI; *Det. S.* p. I403;
 VULGARIS, *Grev.* - *T.M.S.* I332p. 47-7fI7-20; *J.Q.C.* I337p. 42, 55-4I
 IO; *Atlas* I37fIO, I2; *Rattr. Rev.* p. 343; *Det. S.* p. I403: -(Asteromphalus.) -
 * var., A.S., *Atlas* I37fII:
 * var. "a", *Grev.* -
 * var. "b" *Grev.* - *T.M.S.* I332p. 47-7f2I; *Rattr. Rev.* p. 347: -(A. *vulgaris*.)
 * var. "c" *planior*, *Grev.* - *T.M.S.* I332p. 47-7f22; *Rattr. Rev.* p. 347;
Det. Syll. p. I407:
 * var. "d" *cellulosa*, *Grev.* - *T.M.S.* I332p. 47-7f23; 3f24; *Rattr. Rev.*
 p. 347; *Det. S.* p. I407:
 * var. "e", *Grev.* - *T.M.S.* I332p. 47-7f25: (A. *splendida*.) ---
 WALLICHIANA, *Grev.* - *T.M.S.* I330p. II5-4fII: (Asteromphalus.) ---

7 atlanticus, cl. R.S. Ak. Rep. 22 (3) left 4 p. 5: cl. 1897 p. 19:
Gran h. e. pl. 4 f. 3

WEISSBLOGII, Grun., V.H.S. pl. 127f9; Pelletan, Vol. I, p. 206, f112; Vol. 2, p. 170, f427; Rattr. Rev. p. 651; Det. Syll. p. 1409: (A. pulchra, v. 3) -

ASTEROMPHALUS. - (Grev., 1844)

- , L.W.B., Amer. Nat. 1363p. 510-13124: -(A. hiltoniana.)
- AMARCTICUS, Castr. 1337p. 135-13f11; Notar. 1339p. 745; Det. S. p. 1413:
- ARACHNE, Breb. -Prit. p. 337-5f36; Jan. Gu. p. 14-12, f13; 2b, f16; Atlas 33f3, 4; M.T.P. 4-5-3; Cl. Vega p. 514; Villef. p. 75; Woll. pl. 31f4; Rattr. Rev. p. 665; Det. S. p. 1417: (Spatangium: - (A' lampra.: -Excetion caneroides; -A. malleus & malleiformis.)
- BEAUMONTII, E. -Abh. Ber. 1344p. 200, f5; K.S.A. p. 130; Prit. p. 337; Jan. Gu. p. 12-2b, 120; M.T. pl. 43f15; Rattr. Rev. p. 666; Det. S. p. 1412: (A' lampra. heptactis & B.) ---
- BRAUNII, Jan. -Gu. p. 14-2b, f33; Rattr. Rev. p. 667; Det. S. p. 1419;
- BREBISSONII, Jan. Gu. p. 15-2b, f28; Rattr. Rev. p. 666; Det. S. p. 1419; (Asterolampra.) ---
- BROCKEI, Bailey. -A.J.S. 1356p. 2-111; Prit. p. 337-5f79; Cl. 1373p. 10-4f 19; Atlas 33f9, 21-23; Carp. 1331pl. 1f4; Brin & T. p. 63; Mobile; Rattr. Rev. p. 657; Italy: Det. S. p. 1412: (Actinogramma; -Asterolampra.) -
- " v. robusta, Castr. -Rattr. Rev. p. 658; Det. S. p. 1412: -(A. robustus.) -
- BRUNII, Pant. 3p. -21f309; Det. S. p. 1419;
- BUCHII, E. -Abh. Ber. 1344p. 200, f4; K.S.A. p. 130: (A. Hookeri.) ---
- CENTASTER, Johnston. -M.J. 1360p. 12-1f10; T.M.S. 1360p. 124; Prit. p. 333-3f14; Rattr. Rev. p. 654; Det. S. p. 1410:
- CHALLENGERENSIS, Castr. 1337p. 134-5f2; 9f2; Det. Syll. p. 1413: (A. Kinkeri & Hungaricus.)
- CLEVEANUS, Grun. -Atlas 33f13, 14; Rattr. Cose. p. 662; Det. S. p. 1415; Malaisie: (A. wallichianus, v.) ---
- CLEVEI, Grun. -Cl. & M. Nos. 145; 143, ^{sub};
- COHNII, Jan. Gu. p. 13-2b, f25; Rattr. Cose. p. 667; Det. S. p. 1419;
- CUVIERI, E. -Abh. Ber. 1344p. 200, f7; Mik. pl. 35A-21f1; K.S.A. p. 130; Jan. Gu. p. 13-2b, f21: (A. Hookeri.) ---
- DALLASIANUS, Grev. -Ralfs, Prit. p. 336: (A' lampra.) ---
- DARWINII, E. -Abh. Ber. 1344p. 200, f1; K.S.A. p. 120; Prit. p. 339-5f36; Rattr. Cose. p. 663; Atlas 33f16; Det. S. p. 1415: -(A. Rossii: -Asterolampra.)
- DEBYI, Pant. 3p. -21f305; Det. Syll. p. 1419;
- DENARIUS, Jan. Gu. p. 13-2b, f22; Rattr. Cose. p. 666; Det. S. p. 1419;
- ETREMBERGII, Jan. Gu. p. 13-2b, f27; Rattr. Cose. p. 667; Det. S. p. 1419;
- ELEGANS, Grev. -M.J. 1359p. 131-7f3; T.M.S. 1360p. 46-2f10; Prit. p. 337-5f37; Jan. Gu. p. 13-1a, f10; Atlas 33f1, 2; Fortm. Cey. p. 71; Cl. Vega p. 514; Rattr. Cose. p. 660; Det. S. p. 1413: (A. rarus; -A' lampra.)
- FLABELLATUS, Breb. -Grev., M.J. 1359p. 130-7f4, 5; Prit. p. 337; Jan. Gu. p. 13-2b, f25; Atlas 33f10-12; Petit Cat. p. 40; Italy: Woll. pl. 31f3; Cl. Java p. 5; 1373p. 13; Vega pl. 504, 510; Perag. p. 76; Rattr. Rev. p. 662; Malaisie; Det. S. p. 1414: -(Asterolampra (Spatangium) f. & peltatum.) ---
- " v. Terrestina, Grun. -V.H.S. pl. 127f5, 6: (A. flabellatus)
- GREVILLEI, Wallich. -T.M.S. 1360p. 47-2f13; (A' lampra.) ---

+ heptastis, Atlas 38 f5-8: cl. 1897 p. 19:

Nankooensis, Grevillea Vol. 1 p. 92-6 f9:

- GROVEI, Pant. 3p. -2ff388; Det. Syll. p. I4I9:
 HEPTACTIS, Bred.-Raf. Prit. p. 333-3f2I; Ratt. Cosc. p. 354; Det. Syll. p. I4I6: -
 A. Beaumontii; -A'lampra; -Spatangidium h. & Raf. (Asterolampra.)
 HILTONIANUS, Grev.-Raf. Prit. p. 337; Fortm. Cey. p. 7I; Ratt. Cosc. p. 353; Det. S. p. I4I4: (Asterolampra.)
 IOWERI, E.-Abh. Ber. I344p. 200, f3; Mik. pl. 35A-2If2; K.S.A. p. I30; Prit. p. 333-III34; M.O. pl. I9f2; Cl. Vega p. 437; Ratt. Cosc. p. 350; Det. Syll. p. I4I0: (A. nichii, Clavier & Imboldt.)
 JONKODTHI, E.-Abh. Ber. I344p. 200, f3; Mik. pl. 35A-2If2; K.S.A. p. I30; Det. & R. p. 4-3fII; Atlas 33f13-20; Malacoth. (A. & A'lampra.)
 HUNGARICUS, Pant. 2p. III; 3p. -30f436; 3If45I; (A. Challengensis.)
 Det. Syll. p. I4I9:
 IMBRICATUS, Wallich.-T.M.S. I36Op. 46-2f9; Prit. p. 337; Ratt. Cosc. p. 35I; Det. S. p. I4I4: (A'lampra.)
 " var. "b" rectiradiata, Wallich.-T.M.S. I36Op. 46; Ratt. Cosc. p. 35I:
 " var. "g", Wallich.-T.M.S. I36Op. 46:
 IMPAR, Cleve Vega p. 504: (A. Marylandicus.)
 KINKERI, Pant. 3p. -24f357; Det. S. p. I4I9: (A. Challengensis.)
 KOSMIZKIANUS, Pant. 3p. -25f333;
 MALLEIFORMIS, Wallich.-Ratt. Cosc. p. 504; -A. malleus: -Error in pl. explic.
 MALLEUS, Wallich.-T.M.S. I36Op. 47-2fII: -(A'lampra. & Spatang. arachne.)
 MARYLANDICUS, Fortm. Cey. p. 7I: (Asterolampra.)
 MORONENSIS, Grev.-Atlas 33f24; Ratt. Cosc. p. 359; Pant. 2p. III:
 Det. S. p. I4I2: (A'lampra.)
 NANKODRENSIS, Grev. I333p. I04-I2, f22; Ratt. Cosc. p. 355; Det. S. p. I4I1;
 " v. minor, Grev.-V. & S. pl. I27fI3: (A. Nank.)
 OVATUS, Cast. I337p. I32-5f7; Notar. I339p. 745; Det. S. p. I4I3:
 PRINGSHEIMII, Jan. G. p. I3-2b, f25; Ratt. Rev. p. 333; Det. S. p. I4I9:-
 RAF. SIANUS, Norman.-Atlas 33f5-3; M.T.P. 4-3-3: (A. heptactis.)
 RARUS, Ratt. Cosc. p. 354; Det. S. p. I4I6: (A. elegans, v.)
 RETICULATUS, Cl. Vega p. 5-If2; V. & S. pl. I27fII; Ratt. Cosc. p. 353;
 Det. S. p. I4I5;
 ROBUSTUS, Cast. Med. I375p. 6f5; Villef. p. 75-2fI5: (A. Brookei, v.)
 ROPERIANUS, Grev.-Raf. Prit. p. 333; Atlas 33fI5; Ratt. Cosc. p. 357;
 Det. S. p. I4II: (Asterolampra.)
 " v. Atlanticus, Cast. I337p. I33-5f3; Not. I339p. 745; Det. S. p. I4II:
 " v. sexradiatus, Schultze.-T.B.C. I337p. 96 cum icone; Notar. I339p. 349; Det. Syll. p. I4II:
 RUSSII, E.-Abh. Ber. I344p. 200, f2; Mik. pl. 35A-2If4; K.S.A. p. I30;
 (Asterolampra.)
 SARCOPHAGUS, Wallich.-T.M.S. I36Op. 47-2fI2; Prit. p. 333; Ratt. Cosc. p. 356; Det. S. p. I4I3: (Asterolampra.)
 SENECTUS, Brun. & T. p. I7-3f2; Det. S. p. I4I2: (A. Moronensis, v.)
 SHADBOLDTIANUS, Grev.-Raf. Prit. p. 333; Atlas 33fI7; I37f25; Ratt. Cosc. p. 355; Det. S. p. I4II: (Asterolampra.)
 STELLARIS, Brun. & T. p. I7-3fI; Det. Syll. p. I4I3: (A. Marylandicus, v.)
 STELLATUS, Grev.-Raf. Prit. p. 333; Ratt. Cosc. p. 353; Det. S. p. I4I1;
 (Asterolampra.)

VARIABILIS, Grev.-Rattr.Cosc.p.655: Del.Syll.p.I410: -(Aster blanda.)--
 WALLICHIANUS, Grev.-Ralfs,Prit.p.337; Cl.Java p.5-I11; Fortm.
 Cey.p.71; Brun & T.p.63; Rattr.Cosc.p.655: Del.Syll.p.I410:
 (A. blanda.; -A. cleveana.)
 WYVILLI, Castr.I337p.I34-5f3; Notul.I339p.745; Del.S.p.I413:
 WYVILLE-THOMPSONIANUS, O'M.-J.L.S.I375p.57-I15; Rattr.Cosc.p.659;
 Del.Syll.p.I413:

ATTREYA. ----- (Nack, 1860.)-

DECORA, ~~Wass.~~ T.M.S.I360p.I53-7f15; Prit.p.363-3f35; R.E.D.p.322; M.
 G.pl.42f39; Carr.p.96: Sm.Sp.1.50; LeD.No.9,p.I06-I3f14; Del.S.p.
 770: (Navicula hyalosira.)----
 " v. hyalina, Perag.-LeD.No.9p.I06; (A. hyalina.)
 " v. minuta, Perag.-LeD.No.9p.I06: (A. minuta.)
 HYALINA, Perag.-Deloni, Syll.p.322: (A. decora, v.)--
 MINUTA, Perag.-Deloni Syll.p.322: (A. decora, v.)-
 ZACHARIOESI, Brun. - LeD, vol. 2 No. 19 p. 148; Biol. Cl. 1894, No. 2.

AULACOCYSTIS. -- (Hassall, 1844.)-

PELLUCIDA, Hassall Alg.p.427-I02f3; (Navicula; -Amphipleura.)-

AULACODISCUS. -- (Ehrh., 1744.)-

--, A.S., Atlas I24f10: --, I33f7:
 --, A4S., Atlas I43f6, 7: --, I53f2:
 ACUTUS, Rattr.-J.R.M.S.I333p.363: J.Q.C.I339p.33-3f4; Del.S.p.III7:
 Part.2p.I01-3f119;
 ADONIS, Brun & T.p.I3-3f10: Del.S.p.I099:
 AFFINIS, Gran.-Atlas 34f9, 10; J.R.M.S.I333p.359; Del.Syll.p.III0:
 Part.Ip.57; 2p.I01; (A. Lunyacksekii. Major.)-
 " v. constricta, Rattr.-J.R.M.S.I333p.360: Del.S.p.III0:
 " v. Lunyacksekii, Part.-J.R.M.S.I333p.360; Del.S.p.III0: -(A. Lunyacksekii. Major.)-

AFRICANUS, Cottam.-J.Q.C.I376p.I2f1-3, 6: M.M.J.I376p.252: (A. Vitt., v.)
 AMOENUS, Grev.-T.M.S.I364p.I0-I15; J.Q.C.I335p.I71; Atlas I45f14; J.
 R.M.S.I333p.357; Malaisie; Brun & T.p.69; Del.S.p.II03: " 41f13:
 (A. angulatus, v. Jap.: -A. pellucidus.)----
 " vars., A.S. Atlas 34f6; -(A. amoenus.) --, 41f5;
 " vars., A.S., Atlas I57f6: --, Brun & T.p.69:
 " v. imbricata, Part.Ip.77-2f16; J.R.M.S.I333p.355; Part.2p.I01;
 Notul.I335p.512; Del.S.p.III0:
 " v. minor, Gro. & St.-J.R.M.S.I333p.353; Del.S.p.II09:
 " v. sparsa-radiata, Gro. & St.-J.Q.C.I337p.9; Atlas pls.I33f4-6;
 I34f7: (A. amoenus.)
 " v. subdecora, Rattr.-J.R.M.S.I333p.353-7f5; Del.S.p.II09:
 " v. tumida, Part.Ip. --2f12:
 ANANINENSIS, Part.2p.I01-2f1309; Del.Syll.p.II29:

- ANGULATUS, Grev.-T.M.S. 1333p. 71-4f15; Atlas 34f7, 3; 103f2; 105f7, 3; 131f4; J.R.C. 1335p. 173; 1337p. 9, 73; J.R.M.S. 1333p. 347; Brun. & T. p. 39; Det. Syll. p. 1093:
 * v. *Hungarica*, Rattr.-J.R.M.S. 1333p. 347; Not. 1333p. 314; Det. S. p. 1093: (A. *Hungaricus*).
 * v. *Japonica*, Brun. & T. p. 13-3f14: (A. *amoensis*).---
 * v. *Neogradensis*, Pant. Rattr., J.R.M.S. 1333p. 347; Not. 1333p. 315; Det. S. p. 1093: (A. N. & *subangulatus*).---
 * v. *plana*, Rattr.-J.R.M.S. 1333p. 343; Det. S. p. 1099:
 ANTHOIDES, A.S., Atlas 103f1; J.R.M.S. 1333p. 357; Det. S. p. 1107:
 ANTIQUUS, Pant. 2p. 101-13f291; Det. S. p. 1129:
 APEDICELLATUS, Rattr.-J.R.M.S. 1333p. 349; Atlas 103f4; Pant. 2p. 101; Det. S. p. 1100:
 ARCANGELSKIANUS, Witt. 1335p. 13-3f11, 12; Atlas 101f7-II; Pant. 1p. 30-10f33; J.R.M.S. 1333p. 353; Det. S. p. 1103:
 ATEOLATUS, O'M.-M.O. 1373p. 104: (A. *Rogersii*).--
 ARGUS, E.-Atlas 107f4; J.R.M.S. 1333p. 373; Woll. pl. 30f11; Malaisie: Det. S. p. 1121: Eulodiscus, etc.,;)
 ASIATICUS, Br.-Atlas 153f1; 109f2, 2a; Det. S. p. 1133;
 * v. *vallonea*, Brun.-Atlas 169f3, 4; Det. S. p. 1133;
 AUSTRALANDICUS, Grun.-Atlas 41f3; J.R.M.S. 1333p. 334; Det. S. p. 1114; Malaisie:
 * v. *late-inflata*, Rattr.-J.R.M.S. 1333p. 335; Det. S. p. 1114;
 ATTENUATUS, Rattr.-J.R.M.S. 1333p. 355-3f12; Det. S. p. 1107:
 BARRADENSIS, Ralfe, Prit. p. 939; Atlas 146f3; J.R.M.S. 1333p. 340; Det. S. p. ~~1095~~ 1095: (A. *notatus*).---
 BEVERIAE, Johnston.-Prit. p. 344-3f5; Atlas 35f12; Cl. Vega 1. 500; J.R.C. 1337p. 9; J.R.M.S. 1333p. 340; Det. S. p. 1092: (A. *Rattusii*).---
 * v. *Ceylanica*, Grun.-J.R.M.S. 1333p. 340; Det. S. p. ~~1094~~ 1094: (A. *Comberi*, v.).---
 BOLIVIENSIS, Breb.-Prit. p. 343: (A. *formosus*).-
 BORYANUS, Pant. 2p. 101; 3p. 2-3f43; Det. S. p. 1131:
 BRIGHTWELLII, Ralfe, Prit. p. 343: (A. *formosus*).--
 BRIGHTWELLI, Jan. Gu. p. 15-2f7; Girard Moss. p. 14, pl. 4; Atlas 35f3, 9;
 BROWNEI, Norman.-Prit. p. 344; Atlas 36f15, 16; 105f6; J.R.M.S. 1333p. 341; Woll. pl. 33f10; Det. S. p. 1093;
 BRUNII, A.S., Atlas 157f5; 169f11; Det. S. p. 1133;
 CALIFORNICUS, Bailey.-Woll. pl. 33f5; Det. Syll. p. 1133:
 CARRUSHUSII, ---Error in print:--A. *Carruthersianus*.
 CARRUTHERSIANUS, Gro. & Kitt. in J.R.M.S. 1333p. 364-5f7; Atlas 146f1; Det. S. p. 1114;
 CATENARIUS, Witt.-Atlas 105f2; 105f3:-(A. *margaritaceus*, v. *Kinkeri*).---
 CELLULOSUS, Gro. & St.-J.R.C. 1337p. 140; Atlas 124f2; Not. 1337p. 343; Det. S. p. 1100:
 CHASEI, Pant. 11. 57-29f294; J.R.M.S. 1333p. 352:-(A. *Chaseni*, v.).---
 CINCTUS, Grev.-Rattr., J.R.M.S. 1333p. 353; Det. S. p. 1115:-(A. *inflatus*, v.).---
 COMBERI, Arn.-Prit. p. 341; Cl. & V. 279; Atlas 25f11; 103f5; J.R.M.S. 1333p. 341-7f7; Det. Syll. p. 1094: (A. *Hawaiiensis*, Mulleri, *Beveriae*, v.)-

- * v. Ceylanica, Grun.-Cl. & M. 273; Vera 1.509: (A. Comberi.)--
 * v. irregularis, Rattr.-J.R.M.S. 133p. 342-6f5; Det. S.p. 1094;
 * v. Oamaruensis, Gro. & St.-J.Q.C. 1337p. 3, 140;
 COMPACTUS, Rattr.-J.R.M.S. 133p. 354-5f3; Det. S.p. 1105;
 CONCINNUS, Kitch.-J.R.M.S. 133p. 374-5f4; Pant. 2p. 101-6f III;
 Det. S.p. 1123;
 CORNUCUS, Br.-Atlas 170f2, 2a: Det. S.p. 1133;
 CONVEXUS, J.Q.C. 1337p. 140-12f32: -(A. Rattrayi, v. convexus.)---
 CORONATUS, Gro.-J.R.M.S. 133p. 379; Det. S.p. 1127;
 CRATER, Brun & T.p. 19-4f5; Atlas 153f4, 5: Det. S.p. 1123:
 (Tschestnovia mirabilis.)---
 CRUCIFER, A.S., Atlas 41f4: (A. Petersii: -Eupodiscus.)---
 CRUCIATUS, Pant. 2p. 101-16f269; Det. S.p. 1123;
 CRUX, E.-Abh. Ber. 1344p. 76; Mg. pls. 13f47; 35A-16f2; ^{a. margar.} Prit. p. 347; M.D.
 pl. 41f43; Weisse Gu. pl. 1f12; Jan. Gu. p. 16-1a, f12; 2f13; Girard Foss.
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 City; J.Q.C. 1337pp. 3, 76; Grun. 1334p. 17; J.R.M.S. 133p. 350; Pant. 2p.
 102; Wille pl. 33f1: Det. S.p. 1101: (Eupodiscus
 & crucifer: -A. margaritaceus, quiniarius & Solitarius.)
 * v. glacialis, Grun. 1334p. 17-2f32: (A. Solitarius, v.)--
 * v. papulifera, Br.-Atlas 162f3;
 * v. Peruana, A.S., Atlas 102f5; 124f3: -(A. margaritaceus) 33f1-3:
 * v. sinuata, Grun. 1334p. 17-2f32; J.R.M.S. 133p. 350-3f3; Det. Syll. p. 1101;
 Atlas 157f3, 4; 162f4:
 * v. tenera, Witt 1335p. 19-6f10; Pant. 2p. 102: -(A. margaritaceus, v.)
 DARWINII, Pant. 2p. 102-15f254; Det. S.p. 1130;
 DEBYI, Pant. 1p. 56-25f226; J.R.M.S. 133p. 351; Notar. 133p. 312:
 (A. margaritaceus, v.)---
 DECORUS, Grev.-T.M.S. 1334p. 34-10f2; Atlas 33f9; W. & C. Ip. 4-2f10; J.Q.
 C. 1337p. 3; J.R.M.S. 133p. 345; Wille pl. 33f2; Det. S.p. 1096:
 (A. elegans, p.p.)---
 * v. Canariensis, Rattr.-J.R.M.S. 133p. 345-6f3; Det. S.p. 1096;
 * v. Stoschii, Rattr.-J.R.M.S. 133p. 345; Det. S.p. 1096: -(A. Stoschii.)---
 DEFORMIS, (A. Kittoni, v.: -Eupodiscus.)---
 DISPERSUS, Rattr.-J.R.M.S. 133p. 346-5f9; Det. S.p. 1097; Led. Vol. 1p.
 2-2f3: (A. spectabilis.)---
 ELEGANS, E.-Mik. p. 226: (A. discoides.)---
 ELEGANS, Gro. & St.-J.Q.C. 1337p. 140-12f32; J.R.M.S. 133p. 349; Atlas
 146f3; Det. S.p. 1100:
 EXCAVATUS, A.S., Atlas 36f10; J.R.M.S. 133p. 367; Pant. 2p. 102-23f345;
 Det. Syll. p. 1117:
 * v. apiculata, Rattr.-J.R.M.S. 133p. 368-6f4; Det. S.p. 1117;
 EXIGUUS, Witt 1335p. 19-3f3; Atlas 101f22; J.R.M.S. 133p. 345;
 Det. Syll. p. 1095;
 * v. undulata, Rattr., J.R.M.S. 133p. 345-6f7; Det. S.p. 1095;
 EXTANS, Grev.-T.M.S. 1334p. 37-12f1; (A. mammosus, v.)
 FURFOSUS, Arn.-Prit. p. 346; M.D. 133p. 3-2111, 2; Atlas 3117, 3; 10713:
 Sm. Sp. 1.51; B.S.B. 1379p. 4; J.R.M.S. 133p. 362; Det. S.p. 1112;
 (A. Bolivienensis & Brightwellii.)---

> Hartianus, Nelson. - J. Q. C. 1884 p. 371 = Error = A. Sturtii: J. Q. 1884 S. 2 p. 181

+ Huttonii,

> " var. dichotoma, Bn. - Led. vol. 2, No. 22 p. 232-23 f 12:

+ inflatus.

> " forma Hillabyana, Bn. - Led. 27: 22 pl. 23 f 10:

> " sp. 11, Bn. - Led. 27: 22 p. 232-23 f 11:

- GERMANICUS, A.M.E. - (Eupodiscus; -Tripodiscus.)----
- GIGANTEUS, Brun & T.p. I9-4f15; Atlas I62f2, 2x: I70f4; Det. Syll. p. II27;
 v. per magna, Br.-Atlas I70f3;
- GIGAS, Grev.-T.M.S. I365p. 23-4f23; Br. & T.p. 69; Det. S.p. II27;
- GRACILIS, Rattr.-J.R.M.S. I333p. 36I-5fI; Det. S.p. IIII;
- GRANDIS, W. & C. Ip. 3-If9; Notar. I333p. I46; (A. spectabilis.)
- GREVILLEANUS, Norman.-T.M.S. I364p. IO-IfI; J.R.M.S. I333p. 343;
 Det. Syll. p. IO99;
- GRONOVII, C. & J. C. I335p. I7I-I2f3; Atlas 92fI; IO7fI, 2; Part. Ip. 53-
 IIIf93, 95; U.R.M.S. I333p. 37I; Notar. I333p. 313; Det. Syll. p. II25;
 (A. Kinkerianus.)---
- v. imitata, Part. Ip. 59-I2fI2; - (A. Kinkerianus.)
- v. Squarrosa, Part. Ip. 59-If4; 2f. IO2; J.R.M.S. I333p. 372; Det. S.p. II2I;
- v. Squarrosa, Part. Ip. 53-If3; I2fIOO; 2f. IO2; J.R.M.S. I333p. 372;
 Det. Syll. p. II2I; Atlas 92f I; - (A. Kinkerianus.)
- GUROVII, Part. 3p. -2If3I3; Det. Syll. p. II32;
- HABIRBSHAMII, Part. Ip. 53-29f296; Notar. I333p. 6I5; (A. Comberii.)
- HAYNALDII, Part. 2f. IO2-30f429; Det. Syll. p. II32;
- HISPIDUS, Part. 2p. IO3-3f43; Det. S.p. II23;
- HUNGARICUS, Part. Ip. 57-25f23I; 2p. IO3; (A. angulatus, v.)-
- HUTTONII, Grun. Mss.: -(A. Janischii.)-----Grove & St., J.Q.C. I337p. I40-
 I2f3I; Atlas I24f6; I46f3; J.R.M.S. I333p. 36I; Not. I333p. 466;
 Det. Syll. p. III3;
- HYALINUS, Part. Ip. 53-If5; 2f. IO5; J.R.M.S. I333p. 342; Notar. I333p. 6I4;
 Det. S.p. IO94;
- HYSTRIX, Part. 2p. IO3-I6f273; Det. Syll. p. II23;
- IMPERFECTUS, Grun. I384p. I7; Det. S.p. II34; (Cosmoidiscus.)
- INFLATUS, Grev.-T.M.S. I363p. 69-4fI2; Atlas 35f9; 92f4; J.R.M.S.
 I333p. 362; Det. S.p. III2; (A. cinetus.)-
- v. huttoni, Grun.-Botan. Centralb. Vol. 3Ip. I33, No. 5: -(A. Janischii.)----
- v. minor, Rattr.-J.R.M.S. I333p. 362-7f4; Det. S.p. III2;
- v. stellatus, Rattr.-J.R.M.S. I333p. 362-7f3; Det. S.p. III2;
- INTERRUPTUS, Part. 2p. IO3-IIIfI39; Det. S.p. II3I;
- INTUMESCENS, Rattr.-J.R.M.S. I333p. 359-5f6; Det. S.p. II09;
- INVICTUS, A.S., Atlas I34f2, 5; I70fI; Det. S.p. II33;
- JANISCHII, Gro. & St.-J.Q.C. I337p. I39-III23; I3fI2, 6; Notar. I337p. I39;
 J.R.M.S. I333p. 363; Det. S.p. III3; -(A. Huttoni, Grun.: -A. Stoschii, p. I.)--
- v. abrupta, Gro. & St.-J.Q.C. I337p. I39; Atlas I45fIO: -(A. Janischii.)--
- v. areolata, Rattr.-J.R.M.S. I333p. 364; Det. S.p. III3: -(A. Janischii.)--
- JONESII, Part. 2p. -4fI36; - (A. Janischii.)
- JOHNSONI, Arn.-Plat. p. 344; J.Q.C. I375p. I2fI7; Atlas 30fI, 2; 4fI7-IO;
 IO3fI; Halakisia; (A. Johnsoni.)---
- JONESIANUS, Grev.-T.M.S. I362p. 24-2f5; (A. scaber, v.)--
- JUTLANDICUS, Kitt.-J.Q.C. I37Ip. I33-I3fI3; Atlas 4fI5; -(A. Sollicit, v.)
- KELLERI, Part. 2p. IO3-5f77, 79; Det. S.p. II3I;
- KILCKELLYANUS, Grev.-T.M.S. I365p. 70-4fI4; J.R.M.S. I333p. 344;
 Atlas IO2f3; Det. S.p. IO95;

+ Kittoni. - Cant 1891 pl. 1 f 5:

γ "var., mills. - J.R.M.S. 1881 p. 866-11 f 1: - (a. Kittoni.)

γ var. mills. - J.R.M.S. 1881 p. 866-11 f 1:

- v. minor, Rattr.-J.R.M.S. 1333p.344; Det. Syll. p. 1093;
 v. sparsus, Rattr.-J.R.M.S. 1333p.344; Det. S.p. 1093: (A. sparsus.) ---
 KINKERI, A.S., Atlas 103f4, 5; Wollé pl. 33fII: -(A. margaritaceus, v.) ---
 KINKERIANUS, Nott.-W. & C. Ip. 3-If3: (A. Grunowii.) ---
 KITIONII, Arn.-Prit. p. 344-3f24; J.R.M.S. 1333p.375; M.
 J. 1330p.95-3f13; 1374p.22; J.D.C. 1375p.1.12f4-5; 1377p.42, 127-3f11;
 Atlas 33f5-7; 4f15; Sp. Sp. 1.72; A.S.V.S. 1332p.253; Cl. & M. III; J.R.
 M. 1335p.35, 37; M.T.P. 4-5-5; Wollé pls. 32f1; 3f12; Det. S.p. 1122:
 (A. laevis.) ---
 v. Africana, Rattr.-J.R.M.S. 1333p.275; Det. Syll. p. 1123;
 Malaisie: (A. Africanus.) ---
 v. Johnsoni, Arn.-J.R.M.S. 1333p.375; Det. S.p. 1123 (A. Johnsoni.) ---
 LAEVIS, Britw.-M.S. 1330p.95-3f13: (A. Kitionii.) ---
 LAHOUSENI, Witt 1335p.20-3f9; 7f5; Atlas 101f4-5; J.R.M.S. 1333p.339;
 Pant. 2p. 103; Det. S.p. 30-5f2; Det. S.p. 1113:
 v. hyalina, Rattr.-J.R.M.S. 1333p.339; Det. S.p. 1113:
 v. marginalis, Witt 1335p.21-7f3; J.R.M.S. 1333p.339; Det. S.p. 1113:
 Pant. 2p. 103;
 v. partita, Pant. 2p. 103-23f373; Det. Syll. p. 1119:
 v. punctata, Witt 1335p.20-7f4; Pant. 2p. 103; Det. S.p. 1113:
 v. verrucosa, Br.-L.S. 1390p.30-5f2; Det. S.p. 1119:
 LEDEBOURI, Pant. 2p. 103; 3p. -13f234; Det. S.p. 1130;
 LUCIDUS, Rattr.-J.R.M.S. 1333p.379-5f3; Atlas 109f10; Det. S.p. 1120;
 LUNYACESEII, Pant. Ip. 59-25f220; (A. affinis.) ---
 v. major, Pant. Ip. 59-25f220; (A. affinis.) ---
 v. maxima, Pant. Ip. 59-2f9, 10; 2p. 104: -(A. Chassai & Grunowii.) ---
 v. minor, Pant. Ip. 59-1f2; 2p. 104; (A. affinis.) ---
 v. polygibba, Pant. Ip. 59-25f225; (A. affinis.) ---
 v. polygona, Pant. Ip. 59: (A. affinis.) ---
 MACRAEANUS, Grev.-T.M.S. 1332p.23-2f4; Cl. & M. 277; Vega p. 509; Atlas
 103f2; J.R.M.S. 1333p.337; Malaisie; Det. S.p. 1115:
 MAMMOSUS, Grev.-T.M.S. 1333p.70-4f13; W. & C. Ip. 4-2fII; Det. S.p. 1115;
 J.R.M.S. 1333p.333;
 v. extans, Rattr.-J.R.M.S. 1333p.333; Det. S.p. 1115; (A. extans.) ---
 MARGARITACEUS, Ralfs, Prit. p. 344; M.M.S. 1373p.3-2f10 lower; Atlas
 37f145; 92f12; 103f5-9; 105f1; Cl. & M. 231; Vega p. 502; J.D.C. 1331
 p.304; 1337pp.9, 76, 79; J.R.M.S. 1333p.351; Wollé pl. 32f1, 2; Det. S.
 p. 1101: (A. cingulatus, Ralfs.) ---
 Fortin, Cery. p. 651
 vars., A.S., Atlas 105f1-4: 133f1; 134f1:
 v. Debyi, Pant.-J.R.M.S. 1333p.351; Det. S.p. 1102: ^{also 10439} (A. Debyi.) ---
 v. distincta, Rattr.-J.R.M.S. 1333p.352; Det. S.p. 1105: (A. Moelleri.) ---
 v. distans, Rattr.-J.R.M.S. 1333p.352; Atlas 104f6;
 Det. Syll. p. 1102: (A. distans.) ---
 v. elongata, Rattr.-J.R.M.S. 1333p.352; Det. S.p. 1102:
 Atlas 37f1-3:
 v. hungarica, Pant. 2p. 104; Det. S.p. 1104;

- v. incisa, Rattr.-J.R.M.S. 1333p.342-343; Det.Syll.p.II06;
 v. Minckley, Rattr.-J.R.M.S. 1333p.342; Det.S.p.II03; -(A. caudata, v.)--
 v. robusta, Rattr.-J.R.M.S. 1333p.352; Atlas 37f5, 7; 10f5; *atlas 37f5*
 v. teretica, *Gn. det.* J.R.M.S. 1333p.352; Det.S.p.II03; (A. crux, v.)
 v. undosa, Rattr.-J.R.M.S. 1333p.352; Det.S.p.II03;
 v. Moelleri, Rattr.-J.R.M.S. 1333p.342; Det.S.p.II03; -(A. Moelleri.)---
 NOTATUS, Rattr.-J.R.M.S. 1333p.343; Det.S.p.I094; (Eupodiscus.)-
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 MULLERI, Grn.-Atlas 4IfII; (A. Comberi.)---
 MULTISPADIX, Br. & Tp. p. 20-3fII; Atlas 153f6, 7; Det.Syll.p.III7;
 NEGLECTUS, Rattr.-J.R.M.S. 1333p.373-341; Det.S.p.II20;
 MORONENSIS, Kitton.-T.M.S. 1373p.3; 1
 NEOGRADENSIS, Pant. I. p. 59-25f227; 2p. 104; -(A. angulatus, v.) *23f1*---
 Notar. 1333p.615;
 NIGRESCENS, Pant. 3p. -25f395; Det.S.p.II32;
 NIGRICANS, Br. & Tp. p. 20-4fI; Atlas 139f6; Det.S.p.I099;
 v. spirilifera, Brn.-Atlas 131f3; 139f5; 20f57; *158f21*
 NOBILIS, Rattr.-J.R.C. 1339p.53-1fI; Det.S.p.II32;
 NOTABILIS, Pant. 2p. 104; 3p. -9f151; Det.Syll.p.II31;
 (A. Oregonus, v. sparsa-punctata.)---
 NOTATUS, Gro. & St.-J.R.C. 1339p.9-3fII; (A. Barbadiensis.)----
 NOVAE-ZEELANDIAE, Gro. & St.-Atlas 124f8; 157f2; Det.S.p.II33; *atlas 200f7*
 OAMARUENSIS, Gro. & St.-Atlas 124f9; Det.S.p.II33;
 v. Madagascariensis, Temp.-LeD. No. Ip. I-2f4, 5;
 OREGONUS, Bailey & H. p. 173-9f6; M.J. 1359p.153-7f2; Prit. p. 345-6f4;
 Ew. N.H. pl. 3f23; Cl. & M. 170; A.S.M. 1377p.102; 1375p.32-ear icons;
 Sr. Sp. 7.53; Atlas 34f4, 5; M.T.P. 4-4-4; Cat. 1331p.1.1f5; H.M.S. 1359
 p.326; J.R.C. 1335p.177; J.R.M.S. 1333p.353; Woll. pl. 33f1, 3; Det.S.
 p.II09; Malaisie;
 v. sparsipunctata, *in atlas 107f6: - 134f11* (A. 133aellis.)-
 v. Nankodensis, Grn. 1333p.103; (A. Orientalis.)---
 PALLIDUS, Grev.-T.M.S. 1363p.72-5f17; Brn. & T. p. 39; Det.Syll.p.II19;
 J.R.M.S. 1333p.370;
 PARVULUS, Rattr.-J.R.M.S. 1333p.330-3f2; Det.S.p.I093;
 PATENS, Rattr.-J.R.M.S. 1333p.354-3f2; Det.S.p.II05;
 PATULUS, Grn.-Atlas 134f6; Det.S.p.II33;
 var., A.S., Atlas 134f5;
 PARADOXUS, Grev.-T.M.S. 1363p.72-5f13; Det.S.p.II31; -(A. thol. lychis.)--
 PELLUCIDUS, Grev.-T.M.S. 1334p.12-1f3; (A. thol. lychis.)---
 PERAGALLOI, Pant. 3p. -25f371; Det.S.p.II32;
 PETERSII, E.-Abh. Ber. 1345p.361; Mik. p. 226; Prit. p. 343; Atlas 35f4;
 4IfI, 2; 102f6; 162f7; J.R.M.S. 1333p.355; Woll. pl. 32f3, 6, 7; Det.S.
 p.III5; (Eupodiscus P. & crucifer.)
 var., A.S., Atlas 35f1-3; *var. notatilis*
 v. asperula, Rattr.-J.R.M.S. 1333p.333; Det.S.p.III5; -(A. thol. lychis.)---
 v. circumdata, Rattr.-J.R.M.S. 1333p.337; Det.S.p.II15; -(A. thol. lychis.)---

-1 1 all 2 - + 10:

- v. expansa*, Rattr.-J.R.M.S. 1333p. 356-7f1; Det. Syll. p. III3;
v. notabilis, Rattr.-J.R.M.S. 1333p. 353; Det. S. p. III3;
v. rara, Rattr.-J.R.M.S. 1333p. 357-7f2; Det. S. p. III3;
 POLYGONUS, Grun.-Pant. Ip. 59-25f233; J.R.M.S. 1333p. 357; Notar. 1333p. 315; Det. S. p. II03;
v. polyginna, Pant. Ip. 59-25f237; J.R.M.S. 1333p. 357:-(A. polygonus.)---
 PROBABILIS, A.S., Atlas 35f13, 14; 103f3, 4; Witt 1335p. 21-3f13, 14; J.R.M.S. 1333p. 340; Woll. pls. 30f12; 33f3; Pant. 2p. 104-23f404; Det. Syll. p. 1093;
 PROMINENS, Kitt.-J.R.M.S. 1333p. 375-5f5; Det. S. p. II23;
 PULCHER, Norman.-Prit. p. 345-3f23; J.R.M.S. 1333p. 360; Woll. pl. 7f1; Det. S. p. III0;
v. sparsi-radiata, Rattr.-J.R.M.S. 1333p. 350; Det. S. p. III0;
 QUADRANS, A.S., Atlas 35f10; 13f5; J.R.M.S. 1333p. 343; Pant. 2p. 104; Det. S. p. 1097;
 QUINARIUS, Jan. Guano p. 15: (A. erix, var.)--
 RADIATUS, Grun.-J.R.M.S. 1333p. 95-5f10; Det. S. p. III1:-(E. podiscus.)--
 RADIATUS, Grun.-J.R.M.S. 1333p. 11-1f4; J.R.M.S. 1333p. 372; Det. S. p. III1;
 RADIATUS, Grun. & St.-J.R.C. 1337p. 140-12f33; Notar. 1333p. 433; J.R.M.S. 1333p. 370; Atlas 157f1; Det. S. p. II02;
 RATTAYI, Grun. & St.-J.R.C. 1337p. 139-11f29; Notar. 1333p. 403; Atlas 143f9; Det. S. p. II24:-(A. Comberi, var., & Beeveriae.)-
v. convexa, A.S., Atlas 124f7; J.R.M.S. 1333p. 376; Det. Syll. p. II25: (A. convexus.)---
 RETICULATUS, Pant. Ip. 60-1f1; 2p. 104; Atlas 102f7; Notar. 1333p. 315; J.R.M.S. 1333p. 371; Det. S. p. II20;
 ROGERSII, Bailey.-Atlas 107f3; J.R.M.S. 1333p. 372; Woll. pl. 30f10; Det. S. p. II21:-(A. areolatus; -Eupodiscus 1 R. & Bailey; -Podiscus R. & v)
 ROTULUS, Rattr.-J.R.M.S. 1333p. 343-5f10; Det. S. p. 1099;
 SAMOENSIS, Grun.-Moller Price 146:-(A. margaritaceus.)
 SCABER, Ralfe, Prit. p. 344; Cl. & M. 230; Atlas 33f4-3; J.R.M.S. 1333p. 353; Det. S. p. II04: (A. erix & var.: -A. quinarius.)-
v. jonesianus, Rattr.-J.R.M.S. 1333p. 354; Det. S. p. II04:-(A. Jones.)
 SCHMIDTII, Witt 1335p. 21-7f12; Atlas 101f1-3; J.R.M.S. 1333p. 355; Pant. 2p. 104; Det. S. p. II05;
v. quadriradiata, Rattr.-J.R.M.S. 1333p. 355; Pant. 2p. 104:-(A. septus, v)
 SCULPTUS, Brwn.-M.S. 1360p. 94-5f5; (Auliscus; -Eupodiscus; -Vide l.c., errata, p. 139.)-
 SECDENS, A.S., Atlas 101f2; 143f2; J.R.M.S. 1333p. 354; Det. S. p. II04;
 SEPTUS, A.S., Atlas 35f19-21; Witt 1335p. 22-7f11; J.R.M.S. 1333p. 355; Pant. 2p. 105; Det. S. p. II05;
v. quadriradiata, Pant. Ip. 60-10f34; Det. S. p. II06:-(A. Schmidtii, v.)---
 SIMBIRSKIANUS, Pant. 2p. 105-13f239; Det. S. p. II30;
 SIMPLEX, Rattr.-J.R.M.S. 1333p. 340; Det. S. p. 1092;
 SOLLITTIANUS, Norman.-J.M.S. 1331p. 7-2f5; Prit. p. 933; Jan. Gu. p. 15-2f3; Atlas 33f10-13; 103f3; Atlantic City; J.R.M.S. 1333p. 377; Woll. pl. 33f9; Det. Syll. p. II25;
v. Outlandica, Rattr.-J.R.M.S. 1333p. 373; Det. S. p. II26: (A. erix, v. glacialis.)--

> te Finkbein, B. - L^e D. Vol. 2 p. 233-234, 9:

- * v. Novae-Zeelandiae, Grev. & St.-J. Q.C. 1337p. 9-3f10; Det. S. p. 1125;
J. R. M. S. 1333p. 377; Atlas 170f10;
- * v. protuberans, Rattr.-J. R. M. S. 1333p. 377; Det. S. p. 1125;
- SPARSUS, Grev.-T. M. S. 1333p. 123-11f6; Wölle pl. 32f4;
(A. Killkellyanus, var., & Beveeriae.)----
- SPECTABILIS, Grev.-T. M. S. 1333p. 71-5f13; J. Q. C. 1337p. 141; J. R. M. S.
1333p. 343; Det. Syll. p. 1097; (A. dispersus & grandis.)--
- * v. depressa, Rattr.-J. R. M. S. 1333p. 346-7f3; Det. S. p. 1097;
- SQUARROSUS, Br.-Atlas 131f1, 2;
- STOSCHII, Jan.-Atlas 34f11; W. & C. 1p. 3-1f2; J. Q. C. 1337p. 3;
(A. Janischii.)----
- STURII, Kitt.-Atlas 107f3, 9; J. Q. C. 1334p. 17-4f1; 1337p. 42-4f9;
Det. S. p. 1119; *Cann. 11-17p. 1-10*
- SUBANGULATUS, Pant. 1p. 60-2f11; 23f273; 2p. 105; Notar. 1333p. 313;
(A. Neogracuensis, var., & angulatus.)
- SUBRIMOSUS, Grun.-Atlas 124f5, 6; Det. S. p. 1133;
- SUPERBUS, Kitt.-M. M. J. 1373p. 205-33f1; Det. S. p. 1107;
- SUSPECTUS, A. S., Atlas 33f17, 13; J. R. M. S. 1333p. 329; Det. S. p. 1092;
(Cosmoidiscus imperfectus.)-
- SZAKALENSIS, Pant. 3p. -23f415; Det. S. p. 1132;
- TEMPEREI, A. S., Atlas 157f7; Det. Syll. p. 1133;
- TERRATUS, Jan. Grun. p. 13-2f4; (A. 308 p. 1.)--
- THUMII, A. S., Atlas 102f3; 133f3; J. R. M. S. 1333p. 374; Det. S. p. 1122;
Wölle pl. 33f3;
- TRIPARTITUS, Br. & Tp. p. 24-4f3; Atlas 139f3, 9; Det. S. p. 1106;
- TRUANII, Pant. 2p. 105-4f31; Det. S. p. 1129;
- TSCHESNOVII, Pant. 2p. 105; 3p. -6f93; Det. S. p. 1109;
- TUBERCULATUS, Pant. 2p. 105-15f253; Det. S. p. 1129;
- TUBULO-CRENATUS, Br. & Tp. p. 22-7f19; Atlas 153f6; 162f1, 1x;
Det. S. p. 1127;
- TUMULIFER, Br.-Atlas 162f3; 170f7-9; Det. Syll. p. 1133;
- UMBONATUS, Grev.-T. M. S. 1334p. 9-1f2; J. R. M. S. 1333p. 373; Det. S. p. 1123;
- * v. disrupta, Rattr.-J. R. M. S. 1333p. 379-3f9; Det. S. p. 1123;
- VOLUTA-COELI, Br.-Atlas 170f5, 6; Det. S. p. 1133;
- WEISSFLOGII, Pant. 2p. 105-13f293; Det. S. p. 1129;
- WILLII, A. S., Atlas 103f1; J. R. M. S. 1333p. 335; Det. S. p. 1111;
- ZONULATUS, Rattr.-J. Q. C. 1339p. 39-4f1; Atlas 131f3; Det. Syll. p. 1107;

AULACOSTRA.----(*Thraustes*, 1874

CRENULATA, Thw.-A. N. N. d. 1343p. 167, f11b:-(*Melosira* c. & *Orichalocsa*.)----

AULISCUS.-----C

- , A. S., Atlas 32f5, 23; --, Atlas 125f9, 10;
- ACCEDENS, Rattr.-J. R. M. S. 1333p. 371; Atlas 125f5; 171f12; Notar.
1390p. 33; Det. Syll. p. 1034;
- ACUTIUSCULA, Rattr.-J. R. M. S. 1333p. 332-14f1; Notar. 1390p. 33;
Det. S. p. 1046;
- ALBIUS, Br.-Atlas 171f3, 4; Det. Syll. p. 1034;
- * v. baecata, Grun.-Atlas 171f5; Det. S. p. 1034;

AMBIGUUS, Grev.-T.M.S. I333p.74-4f23; R.E.D. 1.32I; Atlas IVIf13;

(Pseud-auliscus.)--

" v. multiclava, Br. & Tem. p.22-2f13;

AMERICANUS, E.-Mik. pl.33-14f2; Prit. p.346; R.E.D. p.320; Woll. pl.30f
9; J.R.M.S. I333p.396; Det. Syll. p.1052: (A. sculptus.)-

ANDRUS, Rattr.-J.R.M.S. I333p.371-12f1; Notar. I390p.34; Det. S. p.1053;

APEDATUS, Rattr.-J.Q.C. I339p.40-4f2; Notar. I390p.34; Det. S. p.1025;

(Pseud-A. Kinkeri.)

ANTIQUUS, Rattr.-J.R.M.S. I333p.373-13f4; Det. S. p.1059;

ASIATICUS, Br.-Br. & T. p.22-2f4; Det. S. p.1053;

AUKLANDICUS, Grun.-Atlas 37f13: (A. caelatus, var. A.)-

AUSTRALIENSIS, Grev.-Trans. Bot. Soc. Edinb. I364p.233-3f3; Det. S. p.1052;

J.R.M.S. I333p.333;

BARBADENSIS, Grev.-T.M.S. I335p.5-1f1; J.Q.C. I337p.10; Det. S. p.1023;

J.R.M.S. I333p.335;

(A. lineatus, p. f.)---

BIDDULPHIA, Kitt.-Atlas 37f3; Woll. pl.30f 4; J.R.M.S. I333p.379;

Det. Syll. p.1043;

" v. dentata, A.S., Atlas 39f3; Notar. I390p.34; J.R.M.S. I333p.379;

Det. S. p.1043;

" v. prominens, A.S., Atlas 39f2; J.R.M.S. I333p.379; Notar. I390p.34;

Det. S. p.1043;

BOURGOGNEI, Bergeon.-LeD. 2p.39-11f2; Det. S. p.1053;

CABALLII, A.S., Atlas 32f1,2; Sm. Sp. T. 317; J.R.M.S. I333p.333;

Det. S. p.1029;

CAELATUS, Bailey.-N.S. p.3-1f3,4; Coll. Coll.; Prit. p.345; R.E.D. p.320;

T.M.S. I333p.41-2f4,7; I373p.3; N. & R. S. p.70; Petit Cat. p.37; Atlas

32f14,15; A.S. p.33-7f3; Sr. Sp. 1.54; Pl. I373p.13; Ver. p.33;

J.Q.C. I335p.17f; A.M.M. J. I333p.31; Villef. p.7f; J.Q.C. I337p.10; Prit.

Pl. 55-19f173; 23f279; 2, p.93; J.R.M.S. I333p.335; Mobile; Malaisie;

Woll. pl.39f6,9; Det. S. p.1049: (A. Graecus Smith.)---

" var., Perag. Villef. p.7f;

" v. Aucklandica, Grun.-Atlas 37f13; J.R.M.S. I333p.395; Det. Syll. p.

1050;

(A. Aukl.)-

" v. constricta, Rattr.-J.R.M.S. I333p.337-15f3; Det. S. p.1051;

" v. delicatula, Rattr.-J.R.M.S. I333p.335-15f3; Det. S. p.1051;

" v. gigas, E.-Atlas 32f12,13; W. & C. Pl. 4-2f12; (A. gigante.)-

" v. impressa, Rattr.-J.R.M.S. I333p.337-15f9; Det. Syll. p.1051;

(A. sculptus, v.)

" v. latecostata, A.S., Atlas 32f13-20; Petit Cat. p.37; Villef. p.7f;

Malaisie; J.R.M.S. I333p.337; Woll. pl.39f10; Det. S. p.1051;

" v. major, Rattr.-J.R.M.S. I333p.337; Det. S. p.1051;

(A. sculptus, v. permagna; -A. elaboratus.)-

" v. mergens, Rattr.-J.R.M.S. I333p.337; Det. S. p.1052;

" v. mitabilis, Rattr.-J.R.M.S. I333p.333-15f3; Det. S. p.1050;

" v. picta, J.R.M.S. I333p.337-15f7; Det. S. p.1052;

" v. protuberans, Rattr.-J.R.M.S. I333p.333-10f3; Det. S. p.1052;

" v. strigillata, A.S., Atlas 32f24-26; Malaisie; Det. S. p.1050;

" v. tenuis, Rattr.-J.R.M.S. I333p.333-13f3; Det. S. p.1052;

forma triocellata, Prit. Pl. 55-23f279: -(A. caelatus.)--

> Egibratus, v. tetrastichus, Am. - Sci. 2 no. 27 p. 233-24 f4:

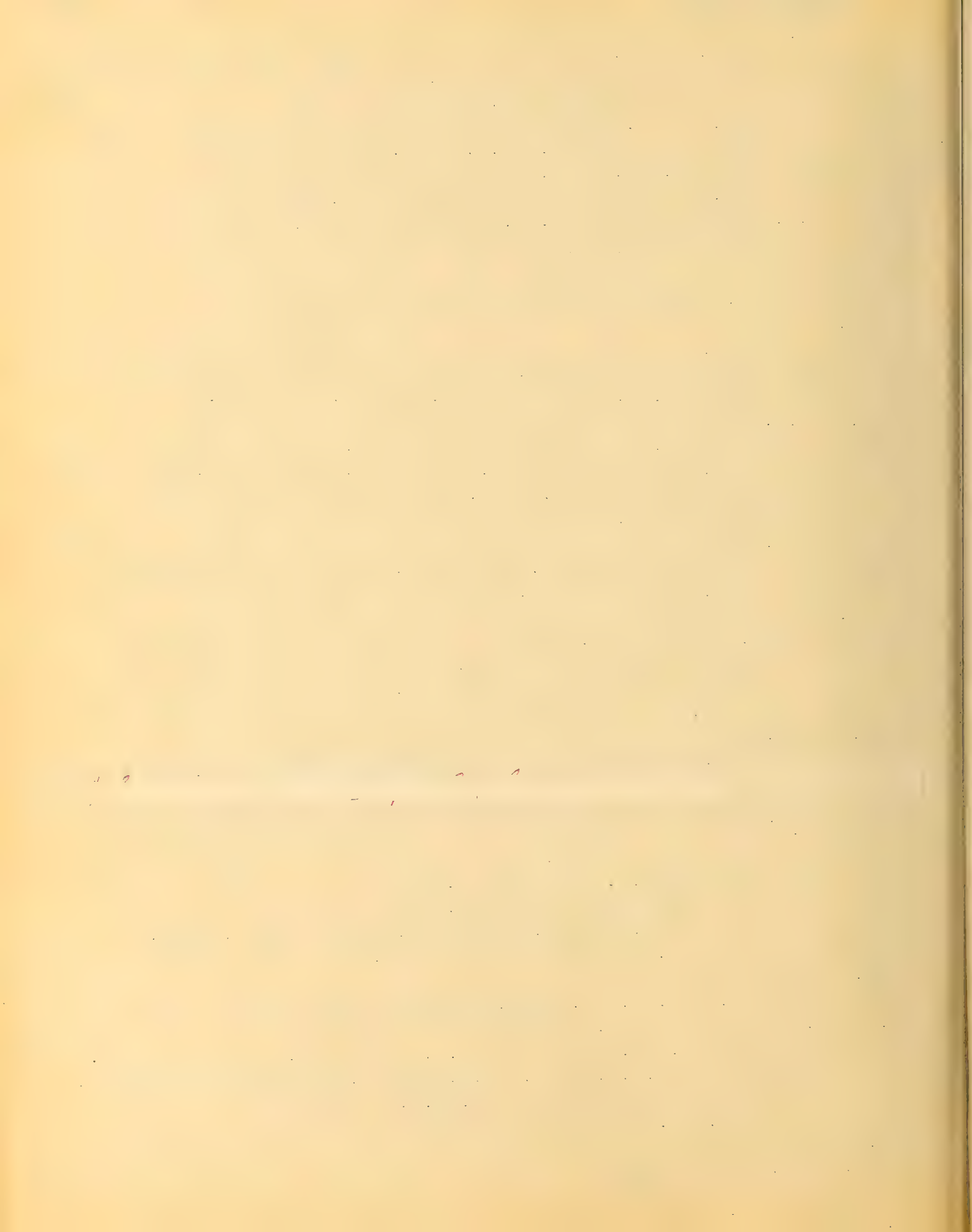
- CALIFORNICUS, Br.-Atlas I7If3,9; Det.Syll.p.1034;
 CARIBAEUS, Cl.-Atlas 37f9,10; J.R.M.S.1333p.392; Wollé pl.30f7;
 Malaisie; Det.S.p.1057;
 CLEVEI, Gru.-Atlas 3If1-4; J.R.M.S.1333p.364; Wollé pl.79f3-10;
 Det.S.p.1027;
 COINCIDENS, A.S.,Atlas I7If1; Det.S.p.1034;
 COMPOSITUS, A.S.,Atlas 30f9; J.R.M.S.1333p.364; Det.S.p.1039;
 CONFLUENS, Gru.-Atlas 3If6; 32f6-8; Fortm.Cey.p.63; J.R.C.1335p.
 I7I; 1337p.73; J.R.M.S.1333p.381; Wollé pl.39f3,II: Pant.2f.99;
 Det.Syll.p.1045: *Sch. Gr. 7f1 & 11*;
 CONSTELLATUS, Mills.-J.R.M.S.1337p.337-III2,3; ^{1832p.476.} (A.1310111.)
 CONVOLUTUS, Gro.-J.R.M.S.1333p.374-15f2; Atlas I7If6; Det.S.p.1033;
 Notar.1390p.35;
 CRYSTALLINUS, Br.-Br.& Tp.p.23-3f1; Det.S.p.1033;
 CYLINDRUS, E.-Abh.Ber.1343p.27I; T.M.S.1353p.52; R.E.D.p.320; Det.
 S.p.1032; J.R.M.S.1333p.396; Prit.p.346;
 DECORATUS, Rattr.-J.R.M.S.1333p.373-12f6; Notar.1390p.35;
 Det.S.p.1040;
 * v.affinis, Rattr.-J.R.M.S.1333p.373-13f1; Notar.1390p.35;
 Det.Syll.p.1040;
 DISSIMILIS, Rattr.-J.R.M.S.1333p.375-14f6; Notar.1390p.35;
 Det.S.p.1033;
 * ELABORATUS, Ratts,T.M.S.1333p.51-3f19; Atlas 37f4; -(A.caelatus, var. f.)
 ELEGANS, Grev.-T.M.S.1333p.52-2f3; J.R.M.S.1333p.372; Det.S.p.1033;
 * v.Californica, Rattr.-J.R.M.S.1333p.372; Det.S.p.1033;
 (A.Grunowii, var. Cal.)--
 * v.flammula, Br.& Tp. Det.S.p.1037; -(A.Grunowii, var. f.)
 * v.Grunowii, A.S.-Rattr., J.R.M.S.1333p.372; Det.S.p.1033; -(A.Grun.)---
 * v.subpunctata, Rattr.-J.R.M.S.1333p.373-13f2; Det.S.p.1033;
 EXIMIUS, Rattr.-J.R.M.S.1333p.376-13f2; Notar.1390p.36; Det.S.p.1040;
 ELLIPTICUS, A.S.,Atlas I49f4; Det.Syll.p.1034;
 FENESTRATUS, Gro.& St.-J.R.C.1337p.10-3f12; Atlas I25f11,13; 119f9;
 J.R.M.S.1333p.373; Det.S.p.1027: *Not 1887p.344*; -(A.caelatus, var. f.)
 FORTIOSUS, Fortm.Cey.p.63-71f1; J.R.M.S.1333p.359; Det.S.p.1032;
 FRACTUS, Gro.& Rattr.-J.R.M.S.1333p.333-14f5; Notar.1390p.36;
 Det.S.p.1053;
 FULCRATUS, A.S.,Atlas I49f2,3; Det.S.p.1034;
 FULVUS, Rabh.E.D.p.320; Perag.p.75; J.R.M.S.1333p.397;
 Det.S.p.1033; (Eupodiscus.)
 GIGAS, E.-Abh.Ber.1344p.77; Mg.pl.19f33; Prit.p.346; T.M.S.1333p.51;
 Atlas 37fII; II7f4-7; Malaisie; J.R.M.S.1333p.396; Det.S.p.1032;
 (A.caelatus, var., & splendens; -Eupodiscus auliscus.)
 GRACILLIMUS, Rattr.-J.R.M.S.1333p.375-13f6; Det.S.p.1039;
 GRANULATUS, Bailey Coll.: Det.Syll.p.1033;
 GREGORII, Jan.Gr.p.16-2f12; R.E.D.p.321; (A.caelatus.)--
 GREVILLEI, Jan.Gr.p.16-2fII; R.E.D.p.321; Atlas 30f15; J.R.C.1337p.
 73; J.R.M.S.1333p.392; Det.S.p.1053;
 GRUNOWII, A.S.,Atlas 30f14; 39f7; Pant.Ip.63-29f293; (A.elegans & vars.)

> *Isotomianus*, *V. caelestis*, Brunn. -
S. 2. 2, 7c. 2. 2 p. 234-24, f 2, 3:

- v. *Californica*, A.S., Atlas 39f8; Wölle pl. 79fII, I2; A.M.M.S. 1391p. 1.
 2139; (A. elegant, v. Cal.) ---
 v. *flammula*, Brun. & T. p. 23-2f3; -(A. elegant, v. flamm.) ---
 HARTAGAAE, Part. 3p. -3If452; Det. S. p. 1064;
 HARDMANNIANUS, Grev.-T.M.S. 1333p. 3-2f17; J.Q.C. 1337p. 73; Atlas 37fI;
 39f4; Witt 1333p. 12; Wölle pl. 79fI; J.R.M.S. 1333p. 377; Det. S. p. 1041;
 (A. Johnsonii.)
 var., A.S., Atlas 103fI; -(A. Harum.) ---
 v. *bifurcata*, Rattr.-J.R.M.S. 1333p. 373; Notar. 1390p. 37;
 Det. S. p. 1042; (A. nobilis.)
 v. *futilis*, Rattr.-J.R.M.S. 1333p. 377; Notar. 1390p. 36; Det. S. p. 1041;
 v. *Haytiana*, Rattr.-J.R.M.S. 1333p. 377; Witt 1333p. 12-2f4; -(A. Harum.)
 v. *labyrinthula*, Rattr.-J.R.M.S. 1333p. 377; Notar. 1390p. 36;
 Det. S. p. 1041;
 v. *Josepha*, Rattr.-J.R.M.S. 1333p. 373; Not. 1390p. 37; Det. S. p. 1041;
 HAUCKII, Part. Ip. 56-30f304; 2p. 99; Atlas 103f8, 9; Notar. 1333p. 615;
 J.R.M.S. 1333p. 331; Det. S. p. 1045; (A. confertus, v.)
 INCERTUS, A.S., Atlas 39f13, I9; J.R.M.S. 1333p. 333; Det. S. p. 1047;
 Wölle pl. 80f3;
 INFLATUS, Gro. & St.-J.Q.C. 1337p. 141-13f37; J.R.M.S. 1333p. 371;
 Notar. 1333p. 467; Det. S. p. 1035;
 INSIGNIS, Cl.-N.L.W.D. p. 22-5f34; Atlas 39fI; J.R.M.S. 1333p. 375;
 Det. Syll. p. 1039;
 INTERCEDENS, Jan.-Atlas 32f9; J.R.M.S. 1333p. 334; Det. Syll. p. 1043;
 INTERMEDIUS, Gro. & St.-J.R.M.S. 1333p. 390-12f3; Notar. 1390p. 37;
 Det. S. p. 1055;
 v. *simplex*, Rattr.-J.R.M.S. 1333p. 390-16f5; Notar. 1390p. 37;
 Det. Syll. p. 1056;
 INTERRUPTA, Rattr.-J.R.M.S. 1333p. 330-13f5; Notar. 1390p. 37;
 Det. S. p. 1043;
 v. *sparsa*, Rattr.-J.R.M.S. 1333p. 330-13f3; Notar. 1390p. 36;
 Det. S. p. 1044;
 INTESTINALIS, A.S., Atlas 103f2; J.R.M.S. 1333p. 373; Det. S. p. 1042;
 Wölle pl. 80f5;
 JIMBOI, Part. 3p. 7. -3If454; Det. S. p. 1064;
 JOHNSONIANUS, Grev.-T.M.S. 1333p. 31-3f20; (Pseud-A.)
 JOYNSONI, A.S., Atlas 37f2; Wölle pl. 80fI; (A. Harum.)
 LACUNOSUS, Gro. & St.-J.Q.C. 1337p. 141-12f35; J.R.M.S. 1333p. 373; Atlas
 125f4; Notar. 1333p. 467; Det. S. p. 1037;
 LETOURNERI, Br.-LeD. Vol. 2p. 39-IIIf10; -(A. pulvinatus, v.: Pseud-Aul.) ---
 LEUDUGERI, Perag.-Villef. p. 71-4f32; (Pseud-Aul.)
 LINEATUS, Gro. & St.-J.Q.C. 1337p. 141-12f36; Atlas 149f2; J.R.M.S. 1333,
 p. 365; Notar. 1333p. 467; Det. S. p. 1023; -(A. Barbadiensis & fenestratus, pl.)
 LOCZYII, Part. 3p. -5f32; Det. Syll. p. 1064;
 LUCIDUS, Rattr.-J.R.M.S. 1333p. 391; Atlas 3If10, I2; Notar. 1390p. 36;
 Det. S. p. 1056;
 LUMINOSUS, Brun. 1391p. 11-22f5; (Pseud-Aul.)
 LUNATUS, Gro. & St.-J.R.M.S. 1333p. 374; Not. 1390p. 36; Det. S. p. 1035;

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- MACRAEANUS, Grev.-T.M.S. I333p.51-3f13; Atlas 3ff5; M.T.P.4-5-7; Cl. I373p.13; J.R.M.S. I333p.392; Wollé pl.39f2; Del.Syll.p.1054;
 MICROLEION, A.S., Atlas I49f5; Del.S.p.1064;
 MIRABILIS, Grev.-T.M.S. I333p.47-2f11; Atlas 33f10-13; Del.S.p.1054; Wollé pls.39f12,13; 103f13; J.R.M.S. I333p.339;
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 OAMARUENSIS, Gro. & St.-J.Q.C. I337p.10-3f13; J.R.M.S. I333p.390; Atlas I17f2,3; I71f2; I25f1; Notar. I337p.344; Del.S.p.1055;
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 " var., A.S., Atlas I25f7;



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" v. medusina, K. - Grin., Bot. Cblt. I.330p. I.522; Det. S. p. 295: - (Raphidoglossa)
INTRICATA, K. - Grin., Bot. Cblt. I.330p. I.524; Det. S. p. 304; - (Micr. & Schiz.)
LINEATA, K. - Grin., Bot. Cblt. I.330p. I.579; Det. S. p. 307: - (Micr. & Schizon.)
MANIPULATA, K. - Grin., Bot. Cblt. I.330p. I.527; Det. Syll. p. 295: - (Raphidoglossa)
MICANS, Grin. - Heaw. Vol. 7p. 5; M. M. J. I.377p. - I.95f15; V. 4. S. p. 1.112-101
II; 1.156; Bot. Cblt. I.330p. I.520; V. 4. S. p. 1.16f15; Det. S.
p. 294: (A'pleura micans; -Nannema; -Trist. costata; -Raphidoglossa; -Schizonema)
" v. Adriatica, K. - Grin. - Bot. Cblt. I.330p. I.523; Det. S. p. 295:
(B. fragilis, var., & A.) - > = var. "Y"
" v. libera, Grin., Bot. Cblt. I.330p. I.520; Det. Syll. p. 295:
(B. fragilis, libera, Arnott.) -

Older combination should be R. nitens, var. a

— peruviana, Bot. Chitt. 1800g. 1521.

f Kaliliana, Roll alp. Eur. #2233.

[illegible]

- v. radians, Ag.-Grin., Bot. Cblt. I33Op. I535; Det. S. p. 294:-(Schiz. A.)
 NEOGRADENSIS, Pant. 3p. -36f503:
 OTUSA, Grev.-Grin., Bot. Cblt. I33Op. I597; V. I. S. p. I6ff13; Det. Syll.
 p. 302: (Apleura rutilans:-(Mier. & Schiz.))---
 v. Adriatica, Grin.-V. I. S. p. I6ff17, 18:-(Apleura rutilans:-(Schiz. A.))
 PARASITICA, Harvey.-Grin., V. I. S. p. I6ff19; Det. S. p. 307:-(Schiz. A.)---
 v. cervicornis, Grin., Bot. Cblt. I33Op. I593; Det. S. p. 303:
 v. gracillima, Grin.-Bot. Cblt. I33Op. I597; Det. S. p. 303:
 (Micromera & Schiz.)---var. "d".
 v. miossa, Grin., Bot. Cblt. I33Op. I597; Det. S. p. 303:
 v. Novae-zeelandiae, Grin. I33p. 22; Det. S. p. 303;
 v. trichocéphala, Grin., Bot. Cblt. I33Op. I592; Det. S. p. 303;
 PATENS, K.-Grin., Bot. Cblt. I33Op. I530; Det. Syll. p. 305;
 (Mier. & Schiz.)---
 PENICILLATA, K.-Grin., Bot. Cblt. I33Op. I531; Det. S. p. 295:-(Mier. & Schiz.)
 PUMILA, Grin.-Ibid. Vol. 7 p. I6ff13; Bot. Cblt. I33Op. I526;
 I526; Perag. p. 63; Villef. p. 53; Det. S. p. 295;
 (Homoeocladia p. & Zosteræ; -Schizonema: Amphipleura micans)
 RUTILANS, Trentepohl.-Grin., Bot. Cblt. I33Op. I527; Dannf. p. 35; V. I. T.
 I53; Det. S. p. 297:-(B. Dillwyni, v.: Conferva; -Schiz.)
 var. Adriatica, Grin.-Bot. Cblt. I33Op. I526; Det. S. p. 299:-(Schiz. A.)
 v. ambigua, Gr., Bot. Cblt. I33Op. I526; Det. S. p. 299: = var. "a".
 v. erinoides, Gr., Bot. Cblt. I33Op. I526; Det. S. p. 299:
 (Schizonema e., quadripunctata, rutilans, p. p.) = var.
 v. comoides, Gr., Bot. Cblt. I33Op. I526; Det. S. p. 301: = "BB".
 v. Dillwynii, Ag.-Gr., Bot. Cblt. I33Op. I520; Det. S. p. 300:
 (B. & Conferva comoides; Conf. foetida; -Mier. & Schiz.)
 v. flava, K.-Grin., Bot. Cblt. I33Op. I539; Det. S. p. 299:
 v. funicularis, Grin., Bot. Cblt. I33Op. I526; Det. S. p. 299:
 v. Hoffmannii, Ag.-Grin., Bot. Cblt. I33Op. I533; Det. S. p. 293:
 (Schizonema H., ectocarpoides & rutilans, p. p.) = var. "c". K. 17. E. # 748-
 v. Illyrica, K.-Grin., Bot. Cblt. I33Op. I526; Det. S. p. 293:-(Schiz. I.)---
 v. implicata, Harvey.-Grin., Bot. Cblt. I33Op. I590;
 Det. Syll. p. 300: = var. "ph". (Schizonema i.)
 v. lubrica, K.-Grin., Bot. Cblt. I33Op. I590; Det. S. p. 301:-(Schiz. I.)
 v. lutea, K.-Grin., Bot. Cblt. I33Op. I537; Det. S. p. 297:-(Schiz. I.)
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 v. lutescens, K.-Grin., Bot. Cblt. I33Op. I533; Det. S. p. 297:-(Schiz. I.)---
 v. olivacea, Grin., Bot. Cblt. I33Op. I523; Det. S. p. 297: "f"
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 v. plumosa, K.-Grin., Bot. Cblt. I33Op. I526; Det. S. p. 300:
 (Micromera & Schizonema.)---var. "fs".
 v. pumila, Grin., Bot. Cblt. I33Op. I527; Det. S. p. 301: = var. "ee".
 v. sericea, Sibr.-Gr., Bot. Cblt. I33Op. I533; Det. S. p. 293:-(Schiz. s.)---
 v. spadicea, Grev.-Grin., Bot. Cblt. I33Op. I530; Det. Syll. p. 299:
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 v. squarrosa, Grin., Bot. Cblt. I33Op. I520; Det. S. p. 300: = var. "f"

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p - v

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- LAEVIS, E.-Abh. p. 122; Mg. pl. 33-1515; A.S. 1342p. 12f3; Prit. 1331p. 457; T.M.S. 1359p. 23-2f24-26; Prit. p. 343; Sm. Sp. 1. 59; Shark River; V. H.S. p. 206-104f3, 4; T. 496; Mobile; Woll. pls. 97f1, 2; 103f3-10; (Cerataulus; -Denticella; -Gallionella; -Metosura thomasi; -Cerataulus.)
- J. Q. C. 1870p. 42: -

LATA, Grove & St.-J.Q.C. I337p. I35-I4f53; Atlas I72f7; Notar. I337p. 351; Del. Syll. p. 377:
LOCZYII, Pant. 2p. 36-I5f255: Del. S. p. 375:
LONGICRURIS, Grev.-M.S. I359p. I63-3f10; Prit. p. 349; R.E.D. p. 312; Cl. I373p. I5; Woll. pl. 93f6; Malaisia; (Denticella.)--
" var., A.S., Atlas I13f10:
" v. japonica, Grun., V.4.S. pl. I01f7: (Denticella.)--
" v. leptoceras, Grun.-V.4.S. pl. I01f1:
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LUNATA, E.-Abh. Ber. I344p. 77; Mg. pl. I3f53; W.S.A. p. I33; Prit. p. 349; R.E.D. p. 313; Woll. pl. 22f29: (B. Tuomeyi; -Eunotozampa.)----
MACDONALDII, Norman.-Prit. p. 349-3f23; R.E.D. p. 313: (Denticella.)--
MAMMOSA, Grev.-T.M.S. I333p. 7-2f13: (Odontella.)--
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MEMBRANACEA, Cl. I373p. 20-5f35; Woll. pl. I10f9, I0:-(Janischia Titiana.)
MINUTISSIMA, Grev.-Trans. Bot. Soc. Ed. I365p. 437-6f14: (Odontella.)--
MIRACULOSA, Brun.-Atlas I72f10:
MOBILIENSIS, Bailey.-A.S. I345p. 333-4f24; V.4.S. pl. I01f4-5; I03f"A": Cleve Veg. p. 503; Woll. pl. 95f9: *Cl. 1897p. 20:*
" v. Baileyi; -Denticella; -Tricnatum; -Eugoniscus.)---
MORONENSIS, Cl.-M.L.K.D. p. 23-4f53; Del. Syll. p. 372:
MULTICORNIS, Grun.-V.4.S. pl. I02f7; Del. S. p. 373:
" v. templin, Brun.-Atlas I73f13, I4:
NITIDA, Grev.-T.M.S. I365p. 52-6f11; Del. Syll. p. 375:
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OAUARUENSIS, Gro. & St.-J.Q.C. I333p. 325-I3f10; Atlas I41f4; Notar. I337p. 345: (Odontella.)----
OBLIQUA, Grun.-*in v. H.S.* (Tricnatum.)--
OBLIQUATA, Gr. ^{an.} Prit. p. 341-4f20; -(Ischnochila; -Ischnochila b. & c. & d. & e.)---
OBTUSA, W. ^{an.} Prit. p. 343-I3f30-32a; Grun. I333p. 23; R.E.D. p. 312; V.4.S. pl. I03f11-I1; Grun. & T. p. 39; Malaisia: (Odontella.)--
" v. spinosa, Brun & T. p. 39:
" v. Wiganii, Rabh. E.D. p. 312: (Odontella diaphyphias.)----
ORNATA, Castr. I337p. I05: (Amphitetras.)--
" v. hirsuta, Castr. I337p. I05-23f9: (Amphitetras h.)----
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PALAGONICA, E.-Mik. p. 299; Del. Syll. p. 373:
PEDALIS, Grove & St.-J.Q.C. I337p. 74-3f22; Notar. I337p. 345; (Grovea; -Odontella.)----
PELLUCIDA, Castr. I337p. I03-23f5; Notar. I339p. 743; Del. Syll. p. 373:
PERMAGNA, Pant. 2p. 36-25f372; 3p. -35f500; Del. S. p. 372: (B. pilchella.)
PERPUSILLA, Bailey Coll.: Del. Syll. p. 373:
PERUVIANA, Grun.-V.4.S. pl. I01f2, 3; Atlas I20f14-19: (B. tumida, v.: -Tric.)----
PLANA, A.S., Atlas I21f7, 3; Malaisia: (Odontella.)

+ pulchella. - Mm. 7. 1877 p. 63-171 f 1-5

punctata, v. cretacea, Bn. - L.D. vol. 2 pl. 22 f 14:

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> spinosa, v. Hillabryana, Br. - L.S., vol. 2, n. 22 pl. 22 f 13:

+ suborbicularis, Oestrup 1897 p. 343-2 f 14:

- * vars., Cl. & M. No. 234: --, Gran. 1333p. 23;
 --, Cl. Vega p. 503; --, Cast. 1337p. 106-107;
 " var. "b", Roper, T.M.S. 1359p. 14-2f13, 17;
 " v. dubia, Brew. - Cl. Vega p. 503: (Triceratium a. & bicorne.) ---
 " v. trigona, Gran. - Cl. Vega p. 503; V. a. S. pl. 102f3;
 REVERSA, Gro. & St. - J. R. C. 1337p. 134-14f32; Not. 1337p. 351; Det. S. p. 372;
 RHOMBUS, S. B. D. 2p. 49; ls. 45, 3f320; T. M. S. 1359p. 11-1f4; Det. S. p. 372;
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 p. 435; 1373p. 9-1f2; Atlas 120f11-13; 151f9, 10; V. a. S. pl. 205-99f1-3; T.
 439; Brun & T. p. 39; Villef. 1. 39; Atlantic City; Woll. pl. 95f7, 12;
 Mobile: (Denticella; -Quontella; -zygoneros r. & radiatus.) -
 " var., ?? (Tric. membranaceum.) ---
 " v. fossilis-trigona, Brun. - LeD. Vol. 1. p. 22-4f3;
 " v. tetragona, A. S., Atlas 151f11;
 " v. trigona, Cleve. - V. a. S. p. 205-99f2; T. 490; J. R. C. 1337p. 74;
 (Triceratium striolatum.) ---
 RIGIDA, A. S., Atlas 120f1, 2; Brun & T. p. 39; Det. S. p. 372;
 ROBUSTA, Pant. 2p. 33-12f203, 205; Det. S. p. 372: (B. novilis.) ---
 ROPERIANA, Grev. - M. S. 1359p. 133-3f11-13; Prit. p. 349; R. E. D. p. 312; Sm.
 Sp. T. 32; M. T. P. 4-3-3; Cl. 1373p. 15; Vega pp. 505, 503; Atlas 120f12-13;
 Cast. 1337p. 106-23f4; Malaisie; V. a. S. pl. 99f4-5; Woll. pl. 95f3, 11-13;
 Brun & T. p. 39: (Quontella.) ---
 RUSSICA, Pant. 2p. 33-20f313; Det. Syll. p. 377;
 RUTHENICA, Witt 1335p. 22-9f9, 10; Atlas 121f22, 23; 122f10;
 Pant. 2p. 33: (Denticella.) ---
 SANIBARICA, A. S., Atlas 122f10-12: (Det. S. p. 372) ---
 SARATOVIANA, Pant. 2p. 37-13f273; Det. Syll. p. 373;
 (Hemianthus polycystinorum v. Simbirskiana.) ---
 SCULPTA, Shabo. - V. a. S. p. 203; T. No. 502: 1109f7, 8; T. 508: (Tricer.) -
 SEPARANDA, Jan. - Atlas 141f27; (Quontella.) ---
 SEPTEMLOCULARIS, W. B. p. 133-19f2; W. S. A. p. 133; Prit. 1352p. 457;
 (B. pilchella & var.) ---
 SETICULOSA, Gran. - V. a. S. pl. 101f7, 3; Atlas 121f20, 21, 24;
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 SINUATA, Grev. - T. M. S. 1365p. 45-5f10; Det. Syll. p. 375;
 SMITHII, H. V. a. S. p. 207-105f1, 2; T. 497; Deby. Pola. p. 11: -(Geratulus.) -
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 " v. Baltica, Gran. - V. a. S. pl. 100f5, 3: (Quontella s., var.) -
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 * SUBORBICULARIS, Gran. - V. a. S. pl. 100f15, 13; Woll. pl. 95f5, 11: -(Denticella.) -
 SURIRELLA, Rabh. E. D. p. 311: (zygoneros.) ---
 TENERA, Grove & St. - J. R. C. 1337p. 134-14f5, 37; Atlas 141f5; Notar.
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- TENUIS, L.W.B.-B.J.N.H. 136Ip.335-If25; Wollé pl.93fII, I2; Del.S.p.933;
 TENUCORNIS, Grev.-T.M.S. 1365p.51-5fI7; (Ouantotropis.)-
 TITIANA, Grun., Cl. & M.No. 176;
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 TRANSVERSA, Wigand.-Heaw.Vol.2p.45-7fI3; (B.pulchella & var.)--
 TRIDENS, E.-Abh.Ber. 134Op.205; (B.Thomeyi; -Denticella.)-
 TRIDENTATA, E.-Abh.Ber. 1344p.69; Mg.pls. 13f52a-c; 2If24a-a: 20-If53;
 19f2I; Mg. 1356p.63; weisse 1354pls.2f33; 2f"5": 1334p.243; Prit.p.
 343; R.E.D.p.312; Atlas II3f 13-31; Pant.2p.37-15f253; Malaisie;
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 " forma minor, Pant.2p.37-2If326;
 " v. Andesitica, Pant.2p.37;
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 TRINACRIA, L.W.B.-B.J.N.H. 136Ip.333-If34, 35; Wollé pl.93fI3, I4;
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 TSCHESIMOVII, Pant.3p. -23f333;
 TUBULOSA, Brun, 139Ip. 13-12f9; (Ouantella.)---
 TUMIDA, Roper.-T.M.S. 1359p.15-2fI3, I9; Prit.p.349; R.E.D.p.313;
 (B.Perriana; -Denticella; -Ouantella.)---
 TUOMEYI, Bailey.-T.M.S. 1359p.3-IfI, 2; Prit.p.343-3fI0; Breb.Verm.p.10;
 R.E.D.p.312; Petit Cat.p.35; Fortm.Cey.p.57; Cl. 1373p.13; Vega p.503;
 V. i.S.pl.93f2, 3; J.Q.C. 1335p.133; 1335p.324; Witt 1333p.12-3fI5, 2I;
 Castr. 1337p.106-23fI0; Malaisie; Atlas II3fI-7; 119fI-3; Brun & 1.p.
 69; Atlantic City; Perag.p.75; Villef.p.69; Wollé pls.22fI; 95fI-4;
 Pant.2p.37; Del.Syll.p.37I;
 (B.lunata; -B.(& Denticella) gigas, regina, tridens, tridentata; -
 Denticella margaritifera; -Zygoceros.)--
 " vars., A.S., Atlas II9f3, I5-17;
 " v.andesitica, Pant.2p.37; Del.S.p.37I;
 " v.Boryana, Pant.2p.37; 3p. -11fI35; Del.Syll.p.372;
 " v.elongata, Pant.Ip.51-30f3II; 2p.37; Notar. 1333p.530;
 Del.Syll.p.372;
 " v.globiceps, A.S., Atlas 120f3;
 " v.Hungarica, Pant.2p.37-13f290; 19f30I, 303; Del.S.p.372;
 " v.Pacifica, Castr., 1337p.113-3013;
 TURGIDA, S.B.D.2p.50-62f334; T.M.S. 1359p.17-2f23; Prit.p.349; Carr.p.
 95; Schum. 1337p.30; N. & R.S.p.33; Hall; R.E.D.p.312; O'M.I.D.p.273;
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 (B.granulata; -Denticella; -Ouantella.)--
 URSINA, E.-Abh.Ber. 1344p.200; K.S.A.p. 133; Prit.p.349; R.E.D.p.313;
 Del.Syll.p.377;
 UNIFASCIATA, Wigand.-Heaw.Vol.2p.45-7fI9; (B.pulchella & v.)--
 VASTA, Pant.2p.37-22f333; Del.S.p.373;
 VIRGATA, Grove & St.-J.Q.C. 1333p.325-13fII; (Kittoria.)-
 VITREA, Brun, 139Ip. 13-19fI0; (Denticella.)---
 VITATA, Gro. & Sturt.-J.Q.C. 1337p. 134-11fI9, 20; Notar. 1337p.35I;
 Del.Syll.p.373;

Brebissonia.

Bacchi - Cleve Harv. p. 125:

" v. minor, Cl. Harv. p. 125:

Calamphosa.

subgenus Amphorae: - Vide Cl. Harv. p. 126: - 1893.

WOOLMANII, V. & S.-T.B.C.Vol. I, pp. 74-39f3; Wolfe 95f4; Det. Syll. p. 372:

(Amphora; -Navicula a., & var.; -Nav. brachysira; Nav. seriata.) -

WEISSBLOGGII- Gran.-M.M.J. 1373p.5II-44f9; Cl. 1373p.7-1f9; Det. S. p. 3II:
(navicula:-

SPLINDIDA, Rattr. Rev. p. 331:

SUPERBUS, Rabh.S.C.p.12, pl.3: Plit.f.302-3150:

(Candy Louiscis.) --

Cap. Cr. is.

1. Thermalis, G. - Cl. 1875 p. 111

Bonénica, G. - Cl. Ser. 2, n.º 19 p. 145-9, f. 5:

(Varicella.) -

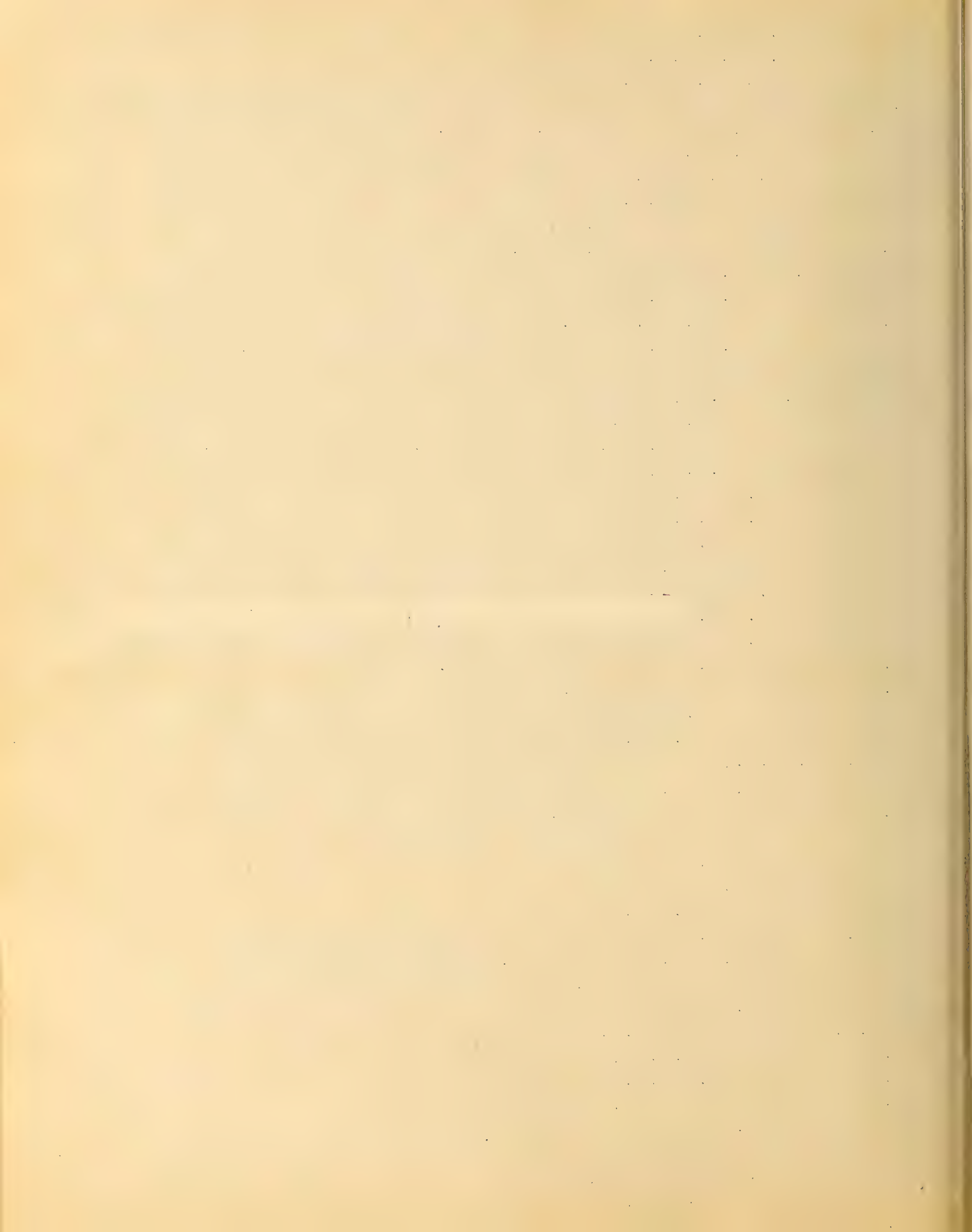
- ABNORMIS, Grun.-Cl.Navic.p.61: (Navicula.)
- ADENENSIS, Cl., Nav.p.60-3f33;
- AEMULA, A.S.-Cl.Nav.p.57: (Nav.a. & subaemula.)
- " v.major, Cl. & Gro.-Cl.Nav.p.57: (Nav.ae., v.major.)
- ALPESTRIS, Grun.-Cl.Nav.p.53; (Navicula.)
- AMICA, Cl. & Gro.-Cl.Nav.p.64:- (Navic.)
- AMPHISBAENA, Bory.-Cl.Nav.p.53:-(Frust.depressa; -Nav.amph.)-
- " v.Fenzlii, Grun.-Cl.Nav.p.59: (Nav.F.: -N.amph.v.Fenzlii: -N.elegans;)
- " v.fusca, Schum.-Cl.Nav.p.53: (Nav.fusc.)
- " v.liburnica, Grun.-Cl.Nav.p.53: (Nav.l.)-
- " v.subsalina, Conr.-Cl.Nav.p.55: (Nav.amph., vars."b", salina & subsalina.)--
- " " subsalina, forma major, Cleve Nav.p.53;
- " v.Vukotinovicii, Pant.-Cl.Nav.p.53:- (Nav.V.)---
- ANDERSSONI, Cl.Nav.p.60: (Navicula.)
- >BACILLARIS, Greg.-Cl.Nav.p.50: a. cl. 1875 p. 15: (Navicula.)
- BECCARIANA, Grun.-Cl.Nav.p.50: (Nav.B.)
- BICLAVATA, Cl. & Gro.-Cl.Nav.p.59:-(Nav.b.: -Stauroneis Breb.)
- BICONSTRICTA, Gro. & St.-Cl.Nav.p.63: (Nav.b.)
- BISERIATA, Petit.-Cl.Nav.p.63: (Nav.b.)----
- BIVITTATA, Pant.-Cl.Nav.p.59: (Nav.b.)---
- BOSSESI, Pant.-Cl.Nav.p.63: (Nav.b.)--
- >" v.Heribaudi, Perag.-Cl.Nav.p.53: (Nav.Her.)
- BLANDA, A.S.-Cl.Nav.p.62:-(Nav.b.: -Pinn.Ergadensis.)---
- BOTINICA, Cleve Nav.p.61-3f42;
- BREVIS, Cleve.-Cl.Nav.p.61: Desimp 1877 p. 11: (Nav.b. & crassa.)--
- " v.distoma, Grun.-Cl.Nav.p.61: (Nav.d.)---
- " v. " forma angustior, Grun.-Cl.Nav.p.61:-(Nav.d., forma ang.)--
- " v. " " bicuneata, Cleve, Nav.p.61:
- " v. " " latior, Grun.-Cl.Nav.p.61 -(Nav.d., forma l.)--
- " v.vexans, Grun.-Cl.Nav.p.61:-(Nav.brevis, var.v., & illi, lina.)--
- CAMPBELLI, Petit.-Cl.Nav.p.63: (Nav.C.)
- CASTRACANEI, Grun.-Cl.Nav.p.64: (Nav.C.)---
- " v.Calcedonica, Cl.Nav.p.64;
- " v.genuina, Cl.Nav.p.64:-(Nav.C.)-
- " v.Petitiana, Grun.-Cl.Nav.p.64: (Nav.C.)
- " v.Phillipinarum, Cl.Nav.p.64:
- " v.Seychellensis, Grun.-Cl.Nav.p.64:
- CLAVIGERA, Cl.Nav.p.53-4f3;
- CLEVEI, Lagr.-Cl.Nav.p.51: (Nav.C.)
- COLUMBIENSIS, Cl.Nav.p.51-3f34;
- CONSIMILIS, A.S.-Cl.Nav.p.57: (Nav.c.)
- CURVINERVIA, Grun.-Cl.Nav.p.53: (Alloioneis c.)
- DISPERSA, Gro. & St.-Cl.Nav.p.62:-(Mastogloia decorata; -Nav.d.)---
- DUSENII, Cleve Nav.p.59-4f4:
- EGEA, A.S.-Cl.Nav.p.63: (Nav.e.)--
- ELONGATA, Pant.-Cl.Nav.p.53: (Nav.e.)----

- faciata, n. ec. 1875 p. 16.

+ liber, n. S. -

- " var. elongata, Gn. - (Atlas 1727); Oestrup 1897 p. 311:

- EUGENIAE, Cl.Nav.p.53: (Navicula E.)---
 EXIMIA, Grun.-Cl.Nav.p.53-4f2:
 FASCIATA, Lagr.-Cl.Nav.p.50: (Nav.bacillum & var.inconstantissima; -N. f., fonticola, fontinalis, lacinarum, Gregatii var.lanceolata, molaris var.Abyssinica; -Stauroneis bac.: -Staur.(Pleurostaurum)parvulum.)
 FORMICINA, Grun.-Cl.Nav.p.53: (Nav.f.)
 FORMOSA, Greg.-Cl.Nav.p.57: (Nav.f., libanica & Oregonica.)---
 " v.Holmiensis, Cl.Nav.p.53: (Nav.f. & l.)--
 " v.interrupta, Cleve Nav.p.53:
 " v.quadrifida, Grun.-Cl.Nav.p.53: (Nav.q.)
 FRATER, Cl.Nav.p.60-3f26;
 GALAPAGENSIS, Cl.Nav.p.57: (Nav.G.)
 " v.contracta, Grun.-Cl.Nav.p.57: (Nav.con.)
 " v.Japonica, Cl.Nav.p.57: -(Nav.G., var.Jap.: -N.correcta.)
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 KAINITZII, Pant.-Cl.Nav.p.53; (Nav.K.)
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 LEPIDULA, Grun.-Cl.Nav.p.50: (Nav.l.)
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 " v.bicuneata, Grun.-Cl.Nav.p.55: -(Nav.B., Bleischii & maxima.)---
 " v. " forma lanceolata, Cl.Nav.p.55: (Nav.excentrica, f.p.)
 " v.Bleischiana, Cl.Nav.p.55-4f1: (Nav.B., f.p.)
 " v.excentrica, Grun.-Cl.Nav.p.55: (Nav.exc., p.p.: -N.aeleta & formosa var.fossilis.)---
 " v. " forma, Cl.Nav.p.54: -(Nav.l., maxima, f.p., & formosa.) *Det. 1897 p. 311-2 f 31*
 " v. " forma convexa, Cl.Nav.p.54: (Nav.Halekii.)
 " v. " tenuistriata, Cleve Nav.p.54;
 " v.linearis, Grun.-Cl.Nav.p.54: (Nav.l.)
 " v.relegata, Cl., Nav.p.54;
 " v.umbilicata, Grun.-Cl.Nav.p.54; (Nav.maxima, vars.umbilicata & Asiatica.)
 LOBATA, Schwartz.-Rab.Alg.243I: Cl.Nav.p.51: -(Nav.l.)
 MADAGASCARENSIS, Cleve Nav.p.59: (Nav.M.)-
 MUSCA, Greg.-Cl.Nav.p.15: (Nav.m., muscaeformis, p.p., constricta & intercedens.)-
 " v.eurynota, Cl.Nav.p.65:
 " v.intermedia, Cl.Nav.p.65: (Nav.m., var.inter.)
 " v.margino-punctata, Gro. & St.-Cl.Nav.p.65: (Nav.margino-p., & margino-lineata.)---
 " v.mirabilis, Fortm.-Cl.Nav.p.65: (Nav.m.)--
 NUBICOLA, Grun.-Cl.Nav.p.53: (Nav.n.)
 OBTUSA, W.S.-Cl.Nav.p.54: *Det. 1897 p. 311-2 f 31* - (Nav.habes & o.)---



- OPHIOCEPHALA, Gro. & C.-Cl. Nav. p. 56: *Atlas 212 f6;* (Navicula.)
 PATAGONICA, Cl. Nav. p. 52: *Le D. Bot. 2, no. 17 p. 100-79;* (Nav. viridis, var. P.) -
 PERMAGNA, Bailey.-Cl. Nav. p. 59: (Nav. & Pinn. p.)
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 " v. Atlantica, Cl. Nav. p. 53: (Nav. P., & setifilis, v. Boryana.)
 " v. Bartholomei, Cl. Nav. p. 53: (Nav. B.)
 " v. Egyptiaca, Grev.-Cl. Nav. p. 53: (Nav. eg.)
 " v. Gallapagensis, Cl. Nav. p. 53: (Nav. Pow., var. G.)
 " v. Vidovichii, Grun.-Cl. Nav. p. 53: (Nav. V.)
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 ROBUSTA, Grun.-Cl. Nav. p. 55: (Nav. r.)
 " v. perlonga, Pant.-Cl. Nav. p. 55: (Nav. p.) --
 " v. subelliptica, Cl. Nav. p. 55: (Nav. rob., var. s.) -
 SAMOENSIS, Grun.-Cl. Nav. p. 50: (Nav. mammalis & s.)
 " v. bimaculata, Pant.-Cl. Nav. p. 50: (Nav. b.) ---
 SECTILIS, A. S.-Cl. Nav. p. 50: (Nav. s.)
 " v. Boryana, Pant.-Cl. Nav. p. 50: (Nav. b. & pavidus.) -
 SCHUMANNIANA, Grun.-Cl. Nav. p. 53: (Nav. s. & trochis.) --
 " v. trinodis, Lewis.-Cl. Nav. p. 53: -(Nav. t. & biconstricta.) ---
 SCINTILLANS, Tp. & Br.-Cl. Nav. p. 53: (Nav. s.)
 SEJUNCTA, A. S.-Cl. Nav. p. 52: (Nav. l.) ---
 SILICULA, E.-Cl. Nav. p. 51: *Le D. Bot. 2, no. 17 p. 100-79;* (Nav. s., p., & limosa.) --
 " v. alpina, Cl. Nav. p. 51: *1875 p. 15-19;* (Nav. s., p., & limosa.) --
 " v. capitata, Lagr.-Cl. Nav. p. 52: (Nav. c.,
 " v. curta, Grun.-Cl. Nav. p. 52: -(Nav. s., var. c.)
 " v. globosilla, V.-Cl. Nav. p. 51: (Nav. g., & limosa, var. g.) ---
 " v. inflata, Grun.-Cl. Nav. p. 51: -(Nav. limosa, vars. infl. & sinifl.) / *1875 p. 15-19;*
 " v. Jennesysensis, Grun.-Cl. Nav. p. 52: *1875 p. 15-19;* (Nav. s. & ventricosa.) --
 " v. Kjellmaniana, Grun.-Cl. Nav. p. 52: (Nav. ventricosa, v. Kj.) ---
 " v. minuta, Grun.-Cl. Nav. p. 51: (Nav. v. min. v. l.) --
 " v. undulata, Grun.-Cl. Nav. p. 51: (Nav. limosa, v. und.)
 " v. s. ventricosa, Grun.-Cl. Nav. p. 52: (Nav. s.) ----
 " v. truncatula, Grun.-Cl. Nav. p. 52: *cl. 1895 p. 15;* (Nav. vent. v. tr.) ---
 " v. ventricosa, E. (Donk).-Cl. Nav. p. 52: (Nav. vent., & var. sinifl., p. p.:
 Nav. Horvathii, Haslenszkyi, neogena.) -
 STAUROPHORA, Grun.-Cl. Nav. p. 53: (Pleur.) --- ?
 " v. Asiatica, Tp. & Br.-Cl. Nav. p. 53: -(Pleur.) A.)
 SUPERGRATA, Br.-Cl. Nav. p. 52: (Nav. s.) -
 TAHITIENSIS, Grun.-Cl. Nav. p. 52: (Nav. t.)
 VENUSTA, Pant.-Cl. Nav. p. 54: (Nav. v.)
 VIRGINEA, Cl. Nav. p. 53: (Nav. v. & parallela.)
 WARDII, Cleve Nav. p. 57-3f39-41;
 WITII, Grun.-Cl. Nav. p. 53: (Nav. w.)
 ZANARDINIANA, Grun.-Cl. Nav. p. 53: (Nav. zan.) ---

atlas 14 f 23 = *C. bivittatus*:-

14 f 31 = *C. braziliensis*:-

15 f 11 = *C. biseriata*:-

18 f 8 = *C. braziliensis*:-

> aemulus, A.S., atlas 207 f 12;

> Bellus, A.S., atlas 207 f 4, 5:

+ biangulatus, Oestrup 1897 p. 334:

✓ challengerensis - Deby, Camp. p. 69:

BIANGULATUS, Grev.-T.M.S. 1332p.20-3f2; Grun. 1332p.444; Atlas 55f1,2; D. 1.5f1; Atlas 14f13-24; Deby Camp. 1.5f1; Cl. Java p. 1.1; Deby Camp. 1.5f1; Deby Syll. p. 311; (C. bicorniatus & bicostatus.) ---
BICINCTUS, Cast. 1337p.33-11f2; Notul. 1339p.333; Deby S. p. 613; Deby C. p. 42; (C. bicorniatus & bicostatus.) ---
BICOSTATUS, W.S.-T.M.S. 1354p.75-6f4; S.B.D. 2p.33; Prit. p. 301; R.E.D. p. 47; Bieb. D.C. p. 13; Grun. 1332p.444-10f1b; 1373p.24; Car. p. 33; Deby Polder p. II; Atlas 55f4-6; Italy; V.R.S. pl. 75f2; 1.433; Cl. 1391p.53; Wille pl. 110f3,4; Deby S. p. 326; Deby Camp. pl. 7f33a, b p. 42; (C. remora.) ---
" v. Arabica, A.S., Atlas 55f7; (C. bicostatus.) ---
" v. parvula, Grun. 1332p.444-10f2; ---
" v. Peisonis, Grun. 1332p.444-10f1a; ---
" v. quadrata, Grun. 1332p.444-10f3a,b; ---
BICRUCIATUS, Greg.-T.M.S. 1357p.73-1f42; Prit. p. 799; Car. p. 33; R.E.D. p. 46; (C. Thurethia similans.) ---
BIFURCATUS, A.S., Atlas 55f3; Wille pl. 72f2; Deby Camp. pl. 5f1; Deby Syll. p. 311; (C. bicorniatus & bicostatus.) ---
BIMARGINATUS, A.S., Atlas 10f7; 13f15; Wille pl. 33f3; Deby Camp. p. 112-3f47; Deby Syll. p. 325; ---
BIROSTRATUS, Deby Camp. pl. 1f1 p. 42; Atlas 14f23; Deby Syll. p. 303; (C. impressus.) ---
BISERIATUS, Deby Camp. pl. 1f1 p. 42; Atlas 15f11; Deby S. p. 311; ---
BORYANUS, Pant. 3p. -40f550; ---
BRASSAYI, Pant. 3p. -30f443; ---
BRAZILIENSIS, Deby Camp. p. 19; Atlas 14f31; 13f3; (C. Samoensis. v.) ---
BREMIANUS, Pant. 3p. -40f543; ---
BRIGHTWELLII, Grun. 1332p.445-9f5; R.E.D. p. 51; Atlas 15f3,7; 207f15; Cl. Java p. II; (C. striatus & unilatus.) ---
BRIOCENSIS, Grev.-Atlas 51f1,2; (C. exilis, v.) ---
BROWNEANUS, Grev.-T.M.S. 1332p.39-9f2; R.E.D. p. 51; Deby Syll. p. 320; Deby Camp. pl. 5f24a p. 42; (C. circumcinctus.) ---
" v. Phalangium, A.S.-Deby Camp. pl. 5f24c; Deby S. p. 320; ---
" v. rotula, Grove.-Deby Camp. pl. 5f24b; Deby Syll. p. 320; ---
BRUNEANUS, Deby Camp. p. 95; Deby Syll. p. 310; ---
CALCAP, Fortm.-Annales Bot. Brit. 1392p.23-4f1; Deby Camp. p. 2; ---
CALIFORNICUS, Grove.-Deby Camp. p. 37-14f70; Deby S. p. 320; ---
CAESATIANUS, Rabh. E.D. p. 50; (C. echeneis, v.) ---
CANALISATUS, Brun & Temp. p. 23-2f5; Deby C. p. 91; (C. vitricavus.) ---
CARINATUS, E.-Abh. Ber. 1375p.133; Deby S. p. 332; ---
CASPIUS, E.-Abh. Ber. 1340p. : 1372p.171-12f11; (C. echeneis.) ---
CASTILII, E.-Abh. Ber. 1339p.461.1f11: Wille pl. 56f9; (C. clypeus.) ---
CASTRACANEI, Jan. Gaz. pl. 19f15; 20f1; (C. incertus, f. f.) ---
CENTRALIS, Grev. D.C. p. 29-3f51; Prit. p. 300; Car. p. 33; Italy; R.E.D. p. 43; (C. latus.) ---
CIRCUMACTIS, A.S., Atlas 14f34,35; Deby Camp. pl. 2f2; Deby S. p. 303; (C. marginatus.) ---
CIRCUMDUCTUS, Fortm. Cey. p. 47-4f51; (C. Browneanus & rotula.) ---
CLEVEI, Fortm.-Ann. Bot. Brit. 1392p.29-4f4; ---
CLIVOSUS, Brun & T. p. 23-2f11; Deby Camp. p. 92-12f53; Deby Syll. p. 327; (C. confusus.) ---

+ Chelone reticulata, Atlas 258 f 14. Petit, Cas.

- CLYPEUS, L.-Abb. 321. 1340p. 205; 1341p. 11; 1359p. 1. 12, 11; 1370p. 1. 2-111; 1371pls. 1a, f12; 1b, f29; 1c, f1; M. pls. 10-1f1; 10-2f21; 11f3; 13-1f 23; 13-2f4; 39-1f13; 1353p. 33; K.B.p. 59-2f5; K.S.A.p. 32; A.O.S. 1351 pl. 2-1f1; S.B.D. 21. 33; R. Alg. No. 1161; Weisse 1350p. 353-3f1; Cl. 11. 1f 14; Prit. p. 300-17f151b-513; Brit. S. 1. 17; Cl. M. 1352p. 110; 1370p. 21; R. E.D.p. 47; Jan. Gaz. p. 17; Schum. 1352p. 135; Carr. p. 33; Girard Foss. p. 9-1f4; Cl. 1353p. 233; 1391p. 53; Eiben, 1371; Cl. & M. 13; Breb. Verm. p. 3; Lagr. 1376p. 46; Sm. Sp. 1. 62; M.T.P. 2-3-10; Atlas 55f1-3; 54f7, 8; B.S. B. 1379p. 6; J.Q.C. 1335p. 167; Dannf. p. 41; V.H.S.p. 191-75f1; 1. 435; Det. Syll. p. 615; Mobile; Perag. p. 63; Wollé pl. 73f3; Malaisie; Pant. 2p. 70; Deby Camp. p. 9f50 **p-42**;
(C. Castilii, Hambolatii, ovatus, stellula; -Cocconeis; -Spiricella.) ----
COCCONEIFORMIS, Cl. M., Cl. & M. No. 173, 214; Cl. Vega p. 502-35f13;
Deby Camp. p. **42**-9f51;
COLLECTUS, L.w.B.-B.O.N. 4. 1361p. 353-2f33-40; Det. S. p. 632;
COMPTUS, Jan. Gaz. 11. 19f16; (C. singularis.) ----
CONCINNUS, Grev.-T.M.S. 1360p. 30-3f2; Prit. p. 300; Gran. 1363p. 5; Atlas 13f16, 17; Wollé pl. 72f5; *Petit, Cap Horns* - (C. marginatus & imperialis.) --
" v. lineata, A.S., Atlas 53f9; Wollé pl. 72f6; (C. lineatus.) --
CONTIGUUS, A.S., Atlas 13f19-21; Malaisie: (C. latus.)
CONIORTUS, Pant. 3p. -35f501;
COOPERI, ? Det. Syll. 1. 632;
CORONILLA, Brun, 1391p. 14-21f3; Deby Camp. p. 33-13f33; 14f39;
Det. Syll. p. 625; (C. Degeanus.)
CORUSCANS, A.S., Atlas 14f17; Deby Camp. p. **42**-7f35; Det. S. p. 622;
COSTATUS, W.S.-A.M.N. 4. 1351p. 6-1f1; S.B.D. 11. 29-6f52; Brit. Inf. Fauna pl. 9f10; M.D. 11. 12f6; Heib. p. 99; Hedw. Vol. 2p. 29pl. 5; Hall; R.E.D.p. 46f11a; Schum. 1364p. 13; Italy; N. & R.S. p. 65; Roper, Thames; Cl. 1363p. 232; Carr. 1361p. 345f17b; Perag. p. 63; Wollé pl. 59f10, 11; 1370p. 1. 12; A.M.M. 5. 1391p. 1. 1f25; (C. hibernicus & Noricus.)
" var. "b", S.B.D. 11. 29-6f52b; Gran. 1362p. 436-10f6; Raab. Alg. No. 1441 sub; (C. Noricus, v.) -
CRASSUS, Pant. 3p. -35f516;
CREBRECOSTATUS, Grev.-T.M.S. 1363p. 14-1f6; R.E.D.p. 51; Malaisie; Fortm. Cey. p. 46; Cl. Vega p. 513; Deby Camp. p. **42**-1f5; Det. S. p. 613;
(C. angularis, australis, intermedius, singularis, testiculi, humilis.)
" v. speciosa, A.S., Atlas 15f16; Malaisie;
CREBRESTRIATUS, A.S., Atlas 14f23; 53f13; Wollé pl. 33f9; (C. crebrecost.)
CRIBROSUS, W.S.-A.M.N. 4. 1351p. 7-1f3; S.B.D. 11. 29-7f55; Carr. p. 33; Cl. 1363p. 233; Roper, Thames; New Zealand; Hall; Lagr. 1373p. 46; Malaisie; Perag. p. 63; Shark River; Wollé pl. 70f1, 2; (C. argus & echeneis.)
CRYSANTHEMUM, Brun & T. p. 26-2f7; Deby Camp. p. 91-12f55; Det. S. p. 623;
CAMAELIANUS, Gran. 1373p. 24; Atlas 54f1, 2; Cl. & M. No. 30; Vega p. 507; Malaisie; Pant. 2p. 71; Deby Camp. p. **43**-12f53; Det. S. p. 616;
" v. communita, A.S., Atlas 17f11;
" v. Sonderianus, Gran. in litt.: -

- DECORUS, Ralfs, Prit. p. 300; Grun. 1352p. 443-9f7; Breb. B.C. p. 13, f2;
 Verm. p. 3; Carr. p. 33; Mill: Atlas 14f, 5; Fortm. Cey. p. 47; Vega p.
 513; V.H.S. pl. 75f3; Perag. p. 63; Villef. p. 61; Italy; Deby Camp. p. 43-
 2f15; Malaisie: (C. Ralfsii, v.)-
 * v. pinnata, Perag. Villef. p. 61-1f1: (C. Ralfsii, v.)--
- DEBYI, Fortm. -Ann. Bot. Brit. 1392p. 27-3f1: *Deby C. p. 43*;
 DENSECOSTATUS, Cl. Vega p. 513-33f73; Det. S. p. 614: -(C. crebrecostat., v.)-
 DENTATUS, Deby Camp. p. 63-14f74; Det. Syll. p. 619;
 DETONIANUS, Deby Camp. p. 63-14f74; Det. Syll. p. 613;
 DILATUS, Pant. 3p. -33f532;
 DIPLOSTICTUS, Norman. -T.M.S. 1350p. 31-3f6; Prit. p. 302; Malaisie;
 R.E.D. p. 51; Det. S. p. 613;
 DIVISUS, Fortm. Cey. p. 43-5f53; Malaisie; (C. latus.)-
 DOEGEANUS, Deby in litt.: Camp. p. 22; Det. S. p. 625: (C. coronilla.)-
 DUBIUS, Fortm. Cey. p. 43-4f47a, b: (C. latus.)-
 ECCLESIANUS, Grev. -M.J. 1357p. 12-3f5; Prit. p. 301; R.E.D. p. 51; Mobile;
 Atlas 15f10; Cl. 1373p. 12; Brun & T. p. 39; Pant. Ip. -3f23; 2p. 71;
 Wolle pl. 33f7; Deby Camp. p. 43-7f40; Det. S. p. 623: *Atlas 208f3*;
 (C. fenestratus, gibberosus, Graeffii, Rabenhorstianus.)----
 * var., A.S., Atlas 15f3, 9;
 ECHNEUS, E. -Abh. Ber. 1340p. 206; 1341p. 11; M.J. 1355p. 33; W.S. p. 39; W.S.
 A. p. 34; Prit. p. 302; R.E.D. p. 49; M.T.P. 2-3-II; Sm. Sp. 1. 63; Cl. & M. 12;
 Carr. p. 41; Cl. 1373p. 13; Vega p. 452; 1391p. 53; Italy; Carr. 1373p. 20;
 Grun. 1373p. 24; V.H.S. p. 191-76f1, 2; T. 437; Malaisie; Atlas 54f3-5; J.
 Q.C. 1335p. 176; Mobile; Wolle pl. 73f5-7; Deby Camp. p. 43-9f49; Det.
 Syll. p. 614:
 (Coronia; -C. Amstelodamensis, argus, Caspian, erubescens, Sonderianus.)-
 * v. Caesarianus, Rabh. E.D. p. 50; Italy; Det. Syll. p. 615;
 EITZENBERGII, Ralfs, Prit. p. 302-12f12, 13, 22, 23; R.E.D. p. 50; Italy;
 Wolle pl. 53f3; Det. S. p. 631: (Spirinella campylobolus.)---
 ETOWANUS, E. -Mik. 1353p. 35; Det. S. p. 632;
 EISENII, Grun. -Deby Camp. p. 23:
 ELEGANS, E. -Ralfs, Prit. p. 302; R.E.D. p. 50: (Spirinella.)
 EMARGINATUS, Deby Camp. p. 65-14f73; Det. Syll. p. 612;
 EROSUS, Castr. 1337p. 63-11f3: (C. undulatus.)-
 * var., Castr. 1337p. 63-11f5: (C. undulatus.)-
 EULENSTEINI, Pant. 2p. 71; 3p. -13f193:-
 EXIGUUS, Grun. 1352p. 441-11f4; R.E.D. p. 49; Det. Syll. p. 331; Italy:
 (C. Ralfsii.)--
 EXILIS, Grun. -Atlas 13f3:
 EXIMIUS, Greg. D.C. p. 31-3f54; Grun. 1352p. 441-11f5; Breb. Verm. p. 3; R.
 E.D. p. 43; Carr. p. 33; Prit. p. 300; Italy: Atlas 15f3; Perag. p. 63; Det.
 S. p. 623; Malaisie; Villef. p. 62; Deby Camp. p. 43-10f11; *Atlas 208f3*;
 * v. Briocensis, A.S., Atlas 52f1, 2; (C. Hodgsoni, v.)----
 FASTUOSUS, E. -Abh. Ber. 1345p. 331; W.S.A. p. 33; Prit. p. 301; R.E.D. p. 43;
 Italy; Grun. 1352p. 441-9f3; (C. similans & Thuretii; -Spirinella.)--
 FENESTRATUS, Grev. -M.J. 1357p. 9-3f4; Prit. p. 301; R.E.D. p. 51:
 (C. ecclesianus.)---
 FLAMMIGER, Fortm. Cey. p. 47-4f53; *Deby C. p. 43*: (C. Pacificus.)-

+, at Pass 2 - 89 1/2

- FLEXUOSUS, Ralfs.-Prit.p.302-I2fII: (Smirrella spiralis.)
 FLUMINENSIS, Grun.I362p.447-IIIf3; Atlas I4f6; Villef.p.6I:
 (C. Quatrefloriensis.)--
 FORTIS, Fortm.-Ann.Bot.Buit.I392p.27-3f3; *Det. C. p. 43*:
 GIBBEROSUS, Fortm.Cey.p.47-4f52: (C.ecclesiasticus.)----
 GRAEFFII, Grun.-Atlas I6fI: (C.ecclesiasticus.)----
 GRANULATUS, Grun.in litt.: Deby C mp.p.24:
 GREENLEAFIANUS, Grun.,Atlas I5f3; Wollé pl.33fI: (C.undulatus.)--
 GREVILLII, Fortm.Cey.p.47-5f54-56; Deby Camp.p.43-2f9; Malaisia:
 Det.S.p.310:
 GROENLANDICUS, Cl.I373p.I3-219; Vega p.432; Det.Syll.p.331; *Det. C. p. 43*:
 GRUNDLERI, A.S.,Atlas I5fI,2; 5IfI3; Wollé pl.33f4: (C.undulatus.)--
 GRUNOWII, Pant.3p. -3If449;
 HARDMANNIANUS, Deby Camp.p.33-I5f73; Det.S.p.6I3:-(C.Sonderianus.)----
 " v.Grovei, Deby Camp.p.69:
 HELIANTHUS, A.S.,Atlas I7fI5; Vega p.432; Deby Camp.p.43-3f25;
 Det.Syll.p.62I:
 HELIOPHILUS, E.-Abh.Ber.I345p.36I; Min.p.I39; K.S.A.p.33; Prit.p.
 302; R.E.D.p.5I; Det.S.p.330;
 HEUBLERI, Grun.I362p.443-9f6; R.E.D.p.5I; Atlas I4f25,26; 53fI9;
 Fortm.Cey.p.45: *Atlas 207f17*; (C.cerebrocostatus.)-
 HIBERNICUS, E.-Abh.Ber.I345p.I54; Mg.pl.I5A,f9; K.S.A.p.33; Prit.p.
 799-4f33; Carr.p.33; Grun.I362p.439; Atlas 53f9-I6; V.I.S.p.I90; T.
 440; J.Q.C.I365p.I67; Lake Michigan; Wollé pl.7If2,3; Cl.I39I4.56;
 Deby Camp.p.43-IIIf53; Det.S.p.327: (C.Noricus, v., & costatus.)----
 " var., H.V.H.S.pl.77f3;
 " v.transylvanica, Pant.3p. -IOfI33;
 HODGSONI, S.B.D.I4.29-3f53; T.M.S.I353p.35; Breb.D.C.p.I3; Grun.I362
 p.441; Jan.& R.p.5-IIIf3; Carr.p.33; R.D.Ex.No.I2; R.E.D.p.43; Villef.
 p.300; Hull: Italy; Atlas 53f5; N.& R.S.p.33; Cl.I373p.I2; Parag.p.
 63; Wollé pl.7Of3; Deby Camp.p.43-IIf7; Det.S.p.310: 7
 (C.notatus & Vitiensis.)
 " var."b"concinus, Rabh.E.D.p.43: (Camp.marginatus & c.)---
 " var."g", Rabh.E.D.p.43:
 " v.Griecoensis, Jan.& R.p.5-IIIf9: (C.eximius, v.)---
 HOROLOGIIUM, Williams.-A.M.I.I313; S.B.D.I4.23-3fII; Prit.p.799;
 Carr.p.33; Grun.I362p.437; Jan.C.I.p.I7; R.E.D.p.43; Atlas 53f5,33;
 S.p.313; Deby Camp.p.25-6f298; *Atlas 207f17*; (C.orientalis.)----
 " v.Pfitzeri, A.S.-Deby Camp.p.25-6f296; Det.S.p.317:-(C.Pfitzeri.)---
 " v.Mediterranea, Grun.-Atlas I7f7; Det.Syll.p.331; Deby Camp.p.43:
 (C.Mediterranea.)
 HUMBOLDTII, E.-Abh.Ber.I369p.43,pl.Ie,f5; Wollé pls.53fI2; 7OfI2;
 (C.elysiensis.)--
 HUMILIS, Grun.-Trans.Bot.Soc.Lu.I363p.265-3fI; Det.S.p.330;
 HUMILIS, Castr.I337p.34-IIfI3: (C.cerebrocostatus, var.)--
 HYPODROMUS, Braun & T.p.29-2fIO; *Det. C. p. 94*: (C.undulatus.)----
 IMPERIALIS, Grun.-T.M.S.I353p.31-IIf3; Villef.p.799; T.M.S.
 T.326; Atlas 52f7,II; 53f7; Villef.p.6I; Wollé pl.72fI; Deby Camp.p.
 44-IIf3; IIf57; Det.Syll.p.309: *Atlas 208f2*:
 (C.concinus, lineatus, marginatus, radiatus.)----

inopinatus, a.s., atlas 207f18;

inter, a.s., atlas 207f16;

+ latus,

" var. major, a.s., atlas 207f10;

" v. pertinax, a.s., atlas 207f11;

- " var., A.S., Atlas 50f5, 3;
 " vinealis, Grm., Atlas 15f9, 10; 17f20, 2f; Villef. p. 3f; Det. S. p. 309;

- INCERTUS - A.S., Atlas 15f13-15; Jan. Gaz. pl. 19f13; Cl. 1373p. 12;
 Fortm. Cey. p. 43; Malaisie; (C. Sarcensis, p. p.) ---
 INOASPICIUS, Deby Camp. p. 44-7f13; Atlas 5f11, 12; Det. S. p. 309;
 INDICUS, E. - Ann. Bot. Brit. 1345p. 332; V.S.A. p. 33; Prit. p. 302; R.E.D. p. 71;
 Det. Syll. p. 300;
 " var. "b", Ralfs, Prit. p. 302;
 " var. "g", Ralfs, Prit. p. 302;
 INSIGNIS, Fortm. Cey. p. 43-9f104; (C. Adriaticus.) ---
 INTERMEDIUS, Grm. - Atlas 14f30; 13f9; Cl. 1373p. 12; Fortm. Cey. p. 45;
 Malaisie; Woll. pl. 33f6; *Atlas 208 f 11*; (C. crebri-costatus.) --
 JAPONICUS, Caser. 1337p. 62-11f1; Notar. 1339p. 333; Det. Syll. p. 319;
 Deby Camp. p. 44-4f23;
 JIMBOI, Pant. 3p. - 23f409;
 KERQUELENSIS, Deby Camp. p. 39-15f79; Det. S. p. 324; *Oethon 1897*;
 KISSONI, Pant. 2p. 71; 3p. - 13f200; Deby Camp. p. 33; Det. S. p. 324;
 KILTONMANUS, Grev. - T.M.S. 1350p. 32-1f7; Prit. p. 799; R.E.D. p. 50; Atlas
 13f19-21; Malaisie; Deby Camp. p. 44-10f52; Det. S. p. 329;
 " v. formosa, Witt, J.M.G. 1373p. 115-15f3; Det. S. p. 329;
 " v. tener, Witt, J.M.G. 1373p. 115-15f7; Det. S. p. 329;
 " v. zanzibarica, A.S., Atlas 13f17; Malaisie; Det. Syll. p. 329;
 KUTZINGII, Bailey & A. p. 173-9120; Prit. p. 300; R.E.D. p. 51; Deby,
 Camp. p. 44-1f10; Det. S. p. 310; *Atlas 208 f 6-9*; (C. striolatus.)
 KURZINGII, Pant. 3p. - 30f433;
 LARIUS, Castr. - Como p. 11-3f2; Notar. 1333p. 132; (C. Noricus.) ---
 LATUS, Shadb. - T.M.S. 1354p. 13-1f13; R.E.D. p. 51; M.T.P. 2-4-2; Fortm.
 Cey. p. 45; Woll. pl. 33f10; Malaisie; Deby Camp. p. 44-3f300; 4f30a;
 Det. S. p. 317; *Atlas 208 f 6-9*; (C. latius.) --
 " v. superba, Eulst. - Atlas 13f22; Malaisie; Det. S. p. 313;
 " v. Upolensis, Grm. - Det. S. p. 313; (C. ambiguus, v.)
 LEPIDUS, Castr. 1334p. 33-11f7; (C. lepidus, v.)
 LIMBATUS, Breb. D.C. p. 12f1; Vern. p. 3, f3; Greg. D.C. p. 32-3f55; Prit. p.
 799; Grm. 1332p. 440-914; Carr. p. 30; R.E.D. p. 43; Atlas 17f2, 3; Italy:
 Lagr. 1373p. 25; Cl. 1373p. 11; Vaga p. 513; M.T.P. 2-4-1; Carr. p. 33; Det.
 S. p. 323; Villef. p. 32; Moelle; Woll. pl. 70f10, 11; Pant. 2p. 71; Deby
 Camp. p. 44-10f62; Malaisie; *Atlas 208 f 4*; (C. Eilensteinii)
 " v. australis, Eulst. - Atlas 17f1;
 " v. Chiliensis, Grm. - Atlas 17f2, 3;
 " v. minuta, Cl. Vaga p. 513-53177; Det. S. p. 320;
 LINEARIS, Fortm. - Ann. Bot. Brit. 1392p. 23-4f3;
 LINEATUS, Grm. - Atlas 13f13; 53f9; (C. concinnus & imperialis.) ---
 LORENZIANUS, Grm. 1331p. 441-11f1, 2; R.E.D. p. 40; Cl. 1331p. 23; Italy:
 Atlas 14f24; 13f4; Fortm. Cey. p. 45; Villef. p. 31; Malaisie;
 (C. diaphanatus.) --- *Atlas 10 f 15*
 MACASSARENSIS, Grove. - Deby Camp. p. 65-14f31; Det. S. p. 300; Malaisie;
 MARGATTARUM, Cl. - N.L.K.D. p. 13-4f52; Det. Syll. p. 329;

Marginales, Johnston, - Moller Cat. 1897. ? (Error est.)

7 Monterianus, Gruen. - Atlas 208 f 16:

- CONTRARIUS*, E.-Abh. Ber. 1341p. 302; 1345p. 313; K.S.A.p. 33; Prit. p. 301; R.E.D.p. 51; Det. Syll. p. 330;
MARGINATUS, Johnston. - M.S. 1330p. 12, 13-14; T.M.S. 1330p. 30-112; Woll. pl. 70f13;
MARGOSTRIATUS, Deby Camp. p. 37; Det. S. p. 321;
MEDITERRANEUS, Grun. - Villef. p. 32; Cl. & M. 154, 155 sub: -(C. horologium, v.)
MESOLEIA, Grun. - Atlas 51f3; (C. ornatus.)
MEXICANUS, E.-Abh. Ber. 1331p. 294; 1372pl. 5f19; Woll. pl. 70f13; (C. triumphans.) ---
MICAULTII, Fortm. Cey. p. 43-9f103; (C. latus.)
MINIUS, Grun. 1332p. 43-7f127; R.E.D.p. 43; Italy: -(C. latus, v.) -
MIRABILIS, Fortm. - Abh. Ber. 1392p. 27-3f4; Deby Camp. p. 44; Det. S. p. 327;
MUELLERI, A.S. - Deby Camp. p. 44;
MYODON, E.-Rafes, Prit. p. 302; R.E.D.p. 51; Det. S. p. 332; (Sirirella.)
NANUS, Schum. A.T. p. 30-11f12; M.S. 1375p. 3-10f19; Det. Syll. p. 331; (C. Noricus, var.) ---
NEOGRADESCIS, Pant. 3p. - 33f513;
NITENS, Cast. 1337p. 35-11f3; Notat. 1339p. 334; Det. S. p. 330;
NORICUS, E.-Abh. Ber. 1340p. 205; 1341p. 11; 1345p. 154; K.S.A.p. 33; K.B. p. 59; R.S.D.p. 13; R. Alg. No. 331; R.E.D.p. 43; Prit. p. 799; Law. Vol. 1p. 52-9f2; Grun. 1332p. 439-10f4, 5; M.T.P. 2-3-9; Sm. Sp. 1.54; Deby Polzer p. 12; Camp. p. 44-11f59; Atlas 55f3; V. I. S. p. 490-77f4-6; 1, 44f; Bellec, Luchon; Det. Syll. p. 327; Kinnord; Woll. pl. 71f5-7; Italy; Lake Mich.: Spamer, Duren; Gerling pl. 1f5; Herib. p. 131; (C. costatus, v.: -C. punctatus.)
 " var. "b" costata, Grun. 1332p. 437-10f3; R.E.D.p. 43; Petit liste p. 23; Class. f5; T.M.S. 1377p. 1. 137f5; Bellec, Luchon; Strose Vleiken p. 13-1f30; Delogne: (C. costatus, "b": -C. nanus; C. punctatus, Bleisch.) ---
 " v. fossilis, Pant. 3p. - 14f215;
 " v. florentina, E.-Rafes, p. 43; (Camp. ill.) ---
NORMANNAUS, Grev. - T.M.S. 1330p. 29-11f1; Prit. p. 300; Malaisie; R.E.D.p. 51; Atlas 14f14; (C. Wallichianus.) ---
NOTATUS, Grev. - T.M.S. 1330p. 31-11f4; Prit. p. 300; R.E.D.p. 31; Bran & T. p. 39; (C. Hodgsoni.) ---
 " v. Vitiensis, A.S., Atlas 51f3; 53f15; Malaisie: -(C. Hodgsoni & v.) ---
OBSELETUS, Cl. - J.R.C. 1335p. 133-12f2; Deby Camp. p. 44-4f33; Pant. 2p. 71; Det. Syll. p. 313;
OCEANICUS, Cast. 1337p. 35-11f4; (C. maculatus.) -
ORBICULARIS, Cast. 1337p. 34-13f10; (C. horologium.)
ORBICULARIS, Cl., Vega p. 3/3-33f79; (C. Pacificus, v.) ---
ORNATUS, Grev. - T.M.S. 1330p. 13-11f3; R.E.D.p. 51; Atlas 17f17; Cl. & M. 233; Fortm. Cey. p. 43; M.T.P. 2-4-5; Vega p. 507; Deby Camp. p. 44-11f59; Malaisie; Det. Syll. p. 323; (C. alba ?)
 " vars., Witt, J.M.G. 1373p. 114-15f3; Atlas 51f3;
 " var. amphileia, Grun. - Atlas 51f2; Det. Syll. p. 323;
 " v. mesoleia, Grun. - Atlas 51f3;
OVALIS, Rafes, Prit. p. 302; (Sirirella clypeus.) ---

(Phalangium)

- PACIFICUS, Griseb.-Atlas 14f12; Fortm. Cey. p.45; Deby Camp. p.44-9f45; Def. Syll. p.625: (C. flammula Gr.)-
- PANDURIGER, A.S., Atlas 14f13; Deby Camp. p.44-114; Def. Syll. p.625:
- PANTOCSEMI, Deby Camp. p.71; Def. Syll. p.623:
- PARVULUS, A.S.-A. T. L. p.135f1, 7-104; Prit. 1352, 1.24f22, 23; S. B. D. p.13-355; B. S. D. p.13; Vern. p.3, 14; Prit. p.30f1-15f12, 23; Griseb. 1352, 445; 1316, p.99; Cat. p.33; Cl. 1357, 330; 1358, 200; Vern. p.502; S. B. D. p.33; 1111; R. E. D. p.47; Leg. 1373, 23; S. S. p.1.327; V. 1.3, 1.14f-77f2; Parag. p.33; Italy; Woll. p.1.79f3, 9; Malaisie: (C. flammula Gr.)
- PERACALLI, Deby, Camp. p.30; Villef. p.61-1f3;
- PERAMPLUS, Cl.-N. L. K. D. p.17-4f33; Def. Syll. p.634; Deby Camp. p.44-3f43; (C. ecclesiarius, v.)--
- PETIZERI, A.S., Atlas 17f5, 6; Malaisie: Deby Camp. p.45:-(C. horologium, v.)
- PHALGUM, A.S., Atlas 14f11, 12; 53f13, 17; Woll. pl.73f14, 15; Deby Camp. p.45; (C. horologium, v., & Browneanus.)----
- PHILIPPINUM, Griseb. 1357, 34-1119: (C. sinensis.)
- PINNATUS, Parag., Villef. p.61-1f1: (C. ussuriensis, v.)--
- POLARIS, E., Nord. p.21-3f5; Def. S. p.632:
- PROLATUS, Johnston, M. J. 1350, p.12: (S. sinensis)---
- PULCHELLUS, Fortm.-Ann. Bot. Brit. 1392, p.23-4f2; Deby Camp. p.55; Def. Syll. p.613:
- PUNCTULATUS, Griseb.-Atlas 17f4; Woll. pl.73f5; Def. S. p.629; Deby Camp. p.45-13f35;
- PUNCTATUS, Bleisch.-Hedw. 1330, p.30-5f1-9; Bl. 1333, p.73:-(C. Noricus, v.)-
- QUADRIFIDUS, Griseb. 1352, 443-11f3; R. E. D. p.49; Deby Camp. p.45-2f13; Def. Syll. p.611: (C. flammula Gr.)---
- RABENHORSTIANUS, Jan. & R. p.6; J. M. G. 1373, 115-14f9; R. E. D. p.51; Griseb. 1352, 345; Italy; Atlas 53f14; Deby Camp. p.45-9f43; Def. S. p.625; (C. ecclesiarius.)---
- * var. "a", Jan. & R. p.6-1f3; Atlas 53f13;
- * var. "b", Jan. & R. p.6-1f7; Atlas 53f12;
- RADIANS, Fortm. Cey. p.43-5f57; (C. imperialis.)
- RADIATUS, Fortm. Cey. p.43-4f13; (C. sinensis.)-
- RADIOLATUS, E.-Mik. p.12; Def. Syll. p.632: (C. Noricus.)---
- RADIOSUS, E.-Ann. p.122; Nord. p.307, 3; K. p.1.59-2f11; V. S. A. p.100; R. S. D. p.13-2f1; Prit. p.799; R. E. D. p.51; Griseb. 1352, 435-9f19; Weiss. 134 p.30f1-4f1; African, Malaisie; Deby Camp. p.45-4f23; Woll. pl.73f11; Def. Syll. p.621: (C. flammula Gr.)
- * forma minuta, Def. Syll. p.621:-(C. minutus, s. stellatus, Viciensis.)----
- RAGANUS, Deby, Camp. p.70; Atlas 13f5, 6; Def. S. p.613;
- RALISII, S. B. D. p.30-30f257; Breb. D. C. p.13; Vern. p.3; Greg. D. C. p.30-3f32; Prit. p.30; Griseb. 1352, 441; Jan. & R. p.6; Cat. p.33; S. B. D. p.33; R. E. D. p.49; Italy; Atlas 14f1-3; Leg. 1373, 25; Petit Cat. p.30; Cl. 1373, 13; Vern. p.432, 502, 507, 513; Br. & T. p.39; Parag. p.33; Woll. pls.72f4; 33f10; Malaisie; Deby Camp. p.45-2f13; Def. S. p.612; (C. exilis & scalaris.)---
- * v. ussuriensis, Breb.-Rab. D. C. p.49:-(Camp. d.)---
- * v. pinnata, Parag.-Def. Syll. p.612:-(C. ecclesiarius, v.)

Robertus, Grav. -

" var., U.S., atlas 207 f 22

- RATTAYANUS, Deby Camp.p.36; Atlas 13f10; Det.S.p.6II:-(C.Schmidtii.)-
 RIVULUS, E., Amer.p.1.3-7f14; Abh.Ber.134II.II: K.B.p.59; W.S.A.p.33:
 Prit.p.30I; R.E.D.p.43; (C.oides & radiatus.)
 RETICULATUS, Pant.3p. -39f539;
 RIVALIS, A.S., Atlas 13f1,2; Fortm.Cey.p.45; Deby Camp.p.45-2f17;
 Det.Syll.p.3II:
 RIVULOSUS, Brin & T.p.29-2f9; Deby Camp.p.93-2f13; Det.S.p.3II;
 ROBERTSIANUS, Grev.-T.M.S.1333p.14-1f5; R.E.D.p.5I; Atlas 17f3-1I):
 Malaisie; Deby Camp.p.45-3f2;
 ROTULA, Grun., Atlas 14f10; 53f20; wolle pl.75f20; Det.S.p.3II;
 (C.Brownianus.)----
 SABINI, E., Abh.Ber.1340I.20; 1372I.293-303; Woll.p.2f-3f;
 SANDRASIS, Grun.-Atlas 15f19,20; Petit Cat.p.3I; Jan.Gaz.pl.19f12;
 Fortm.Cey.p.45; Mobile; Villet.p.3I; wolle pl.70f4,13; Deby Camp.p.
 45-2f3; Malaisie; Det.S.p.399; Atlas 207f14; (C.inequalis.)--
 SAUERBECKII, Grun.-Atlas 52f3; 53f3,4; wolle pl.83f12,13;
 (C.annulatus.)-----
 SCALARIS, Brin & T.p.30-2f12; (C.Ralfsii.)---
 SCHLEINIZII, Jan.Gaz.pl.19f13; Atlas 52f5; Deby Camp.p.45-12f54;
 Det.Syll.p.325; Atlas 207f1-5;
 SCHMIDTII, Grun.-Jan.Gaz.pl.1: Atlas 15f12; 53f10; wolle pl.72f3;
 Deby Camp.p.45-1f12; Det.S.p.6II;
 SIGNATUS, Fortm.Cey.p.45-4f50; (C.latus & radians.)-
 SIMILIS, Jan., Gaz.pl.19f3; Deby Camp.p.32; (C.anceps.)
 SIMPLEX, Brin & T.p.30-2f3; Deby Camp.p.93; (C.vitricavus.)
 SIMULANS, Grev.-T.M.S.1357p.71-1f4I; 1353p.17; Carr.p.39; Schm.N.D.
 pl.3f10; Petit Cat.p.3I; Atlas 17f12-14; wolle pl.55f13; Deby Camp.
 p.45-7f35; Atlas 207f1-5; (C.festuosus & Thunbergii.)
 SINGULARIS, A.S., Atlas 14f29; (C.ceriseostatus.)-
 SOCIALIS, Witt, J.M.G.1373p.69- f3; Heaw.1373pp.57,124; Atlas pl.
 14f7-9; Deby Camp.p.45-1f14; Det.S.p.6II:
 SONDERIANUS, Grun.-Moller Price list 1333; (C.Haumanianus.)--
 SPECULUM, Fortm.Cey.p.46-4f49; (C.latus.)
 SPIRALIS, W.S.-A.M.N.1.1351p.6-1f2; S.B.D.Ip.29-7f54; Front.: Prit.p.
 302-4f39; Rabh.Alg.3II,347 sub; Grun.1352p.447; Heaw.Vol.2pl.5f10-
 16; Bleisch,1333; Schm.1362p.135; H.T.p.56; Carr.p.39; Girard Boss.
 p.12-2f13; R.E.D.p.50,111b; Hall; N. & R.S.p.33; Cl.1333p.22; S.S.
 T.65; Prollius p.7I; M.T.P.2-4-3,4; Italy; Macdonald pl.10f12;
 Gallix, Papan; (Sarirella.),,,
 SQUAMOSUS, Pant.3p. -36f517;
 STELLATUS, Grev.-M.J.1359p.157-7f3; Prit.p.799; Grun.1363p.96; R.E.
 D.p.5I; wolle pl.83f2; Deby Camp.p.45-7f42; Malaisie; Det.S.p.325:
 " var., Deby Camp.p. -15f73;
 STELLULA, Schm.1367p.52-1f6; (C.clypeus.)---
 STRIATUS, E., Amer.p.123, pl.3-7f13; K.B.p.59-23f11; W.S.A.p.33; M.J.
 1359p.179-9f4; R.S.D.p.13-2f2; Prit.p.302; Malaisie:
 (C.Brightwellii & annulatus.)

+ Sumbawanus, A.S. - Atlas 207 f 13:

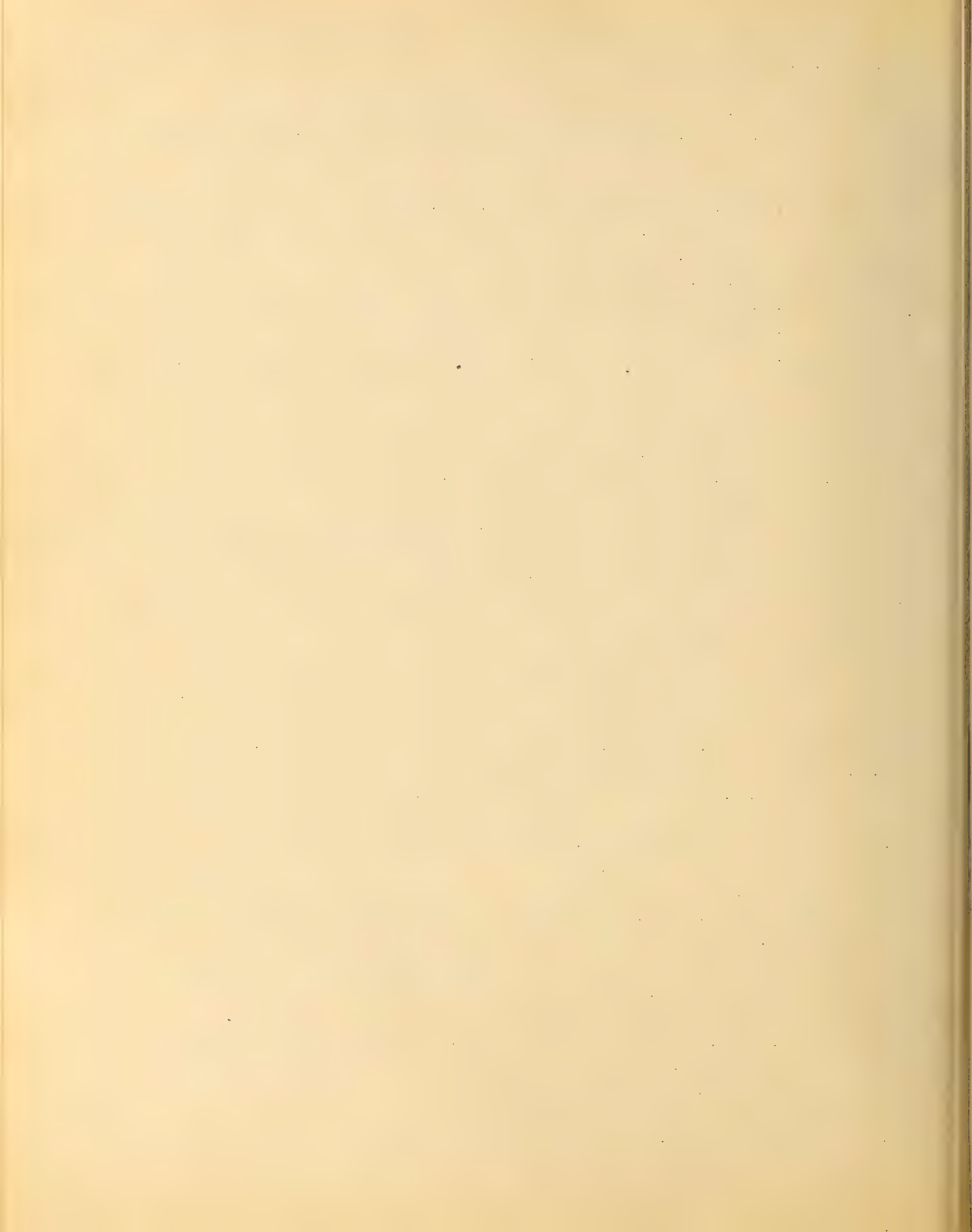
+ Thurctii, Beck. - Petit, Cap Horn:

+ Waddellatus,

" var. Luedgeri, D. By. - Atlas 208 f 11:

+ Wallichianus, atlas 208 f 10, 13:

- STRIOLATUS, Grun., Atlas 53fI, 2; Pant. Ip. -13fI⁶; 2, p. 71:
 Brun & T. p. 69: (C. angularis & Kutzingerii.) ---
- STUDERI, Jan., Gaz. pl. 19f9, 10:
 SUBANGULARIS, Cl., Vega p. 513; Cl. & M. 154, 155 sub;
 SUPERBUS, Rabh. E. C. p. 45, f10; Hew. 1379p. 93: Del. S. p. 632: - (Calcaiseus.)
 SUMATRENSIS, Fortm. - Ann. Bot. Brit. 1392p. 27-3fI; Deby. Camp. p. 1.57;
 Del. Syll. p. 622;
 SURIRELLA, E., Abh. Ber. 1345p. 305; K. S. A. p. 33; R. S. D. p. 13; Prit. p. 302;
 R. E. D. p. 50; Del. Syll. p. 63f;
 SZAKAGENSIS, Pant. 3p. -33f503;
 SZONTAGHII, Pant. 3p. -27f373;
 TABULATUS, A. S., Atlas 52f4: wolle pl. 33f4; Del. S. p. 619;
 Deby. Camp. p. 45-4f20;
 TAENIATUS, A. S., Atlas 51fI; 13f2: Deby. Camp. p. 45-7f4f; Malaisie;
 Del. S. p. 613:
 " var., A. S. Atlas 13f3;
 " v. radiosa, Brun & T. p. 69:
 TAENIOIDES, Deby. Camp. p. 53; Atlas 13f3; Del. S. p. 626;
 TENER, E., Abh. Ber. 1372p. 209; Del. Syll. p. 632;
 THUMII, Fortm. - Ann. Bot. Brit. 1392p. 29-4f5;
 THUREII, Breb. D. C. p. 13, f3; Cl. 1373p. 13; 1373p. II: Vega p. 432, 502,
 507: Atlas 13f2; 51f15; V. H. S. p. 190-77fI; 1.433, 439; Villet. p. 51;
 Malaisie; Pant. 2p. 7I; Deby. Camp. p. 46-7f37; Herib. p. 132; Del. Syll.
 p. 622: *Atlas 208f12*: - (C. biericiatus, fastosus, parvulus, similans.) ---
 " v. Balajickiana, Grun., Atlas 15f13-21: Pant. 2, p. 71: Del. S. p. 622;
 (C. Balu.)
 TRAPEZOIDALIS, Deby. Camp. p. 66-14f72: Del. S. p. 609;
 TRIUMPHANS, A. S., Atlas 15f4, 5; Jan. Gaz. pl. 19fII: Deby. Camp. p. 46-13f
 64; Malaisie; Del. S. p. 613; *Atlas 208f7*:
 UNDULATUS, Grev. - M. S. 1333p. 229-9f4; Atlas 13fII, 12; Cl. & M. 239; Fortm.
 Cey. p. 47-4f39; 9f102; Vega p. 502, 507: Malaisie; Deby. Camp. p. 46-
 2f3; Del. Syll. p. 613: (C. Brightwelli, Balearensis,
 erosus, Greenleafianus, oceanicus, Granulieri, Sanderbeckii, striatus.) -
 " v. biangulata, Cleve Vega p. 502; Deby. Camp. p. -13f77:
 " v. distincta, Deby. Camp. p. 35;
 UPOLENSIS, Grun., Atlas 51f14: (C. ampigius, v.) -
 VERTICILLATUS, Grun. - L. D. Vol. II. 2-219; Notul. 1390p. 174; Deby. Camp. p.
 70; Del. Syll. p. 622;
 VITIENSIS, Grun. - Atlas 51f7: (C. notatus, v., & Houghsoni.) ---
 VITRICAVUS, Brun & T. p. 30-2f3; Deby. Camp. p. 94-7f39; Del. S. p. 624:
 (C. canalisatus, olivosis & simplex.)
 VULCANIUS, E., Abh. Ber. 1344p. 342; Mp. pl. 33A-14f3; K. S. A. p. 33;
 Prit. p. 799; R. E. D. p. 51; Del. S. p. 630:
 WALLICHIANUS, Grev. - T. M. S. 1333p. 13-1f4; R. E. D. p. 51; Fortm. Cey. p. 45;
 Atlas 14f15, 16; 13f13, 14; Malaisie; Deby. Camp. p. 46-3f19; Del. S. p. 620:
 " v. Normannicus, Grev. - Del. S. p. 620: (Camp. Norm.)
 " v. Thaitiensis, Cact. 1337p. 62-16f6; Notul. 1339p. 634; Del. S. p. 620:



WEISSILOGII, Deby. Camp. 1.53; Atlas 13f4; Det. Syll. 1.323;
ZABOIANUS, Cass. 1.337. 1.32-11f10; (C. grandis 18619.)
ZONALIS, Phillips, 1345; Plut. 1.302; R. E. D. 1.51; Det. Syll. 1.329;

CAMPYLONEIS. --- (Grun., 1862) -

--, De Toni, Oss. Bac. 1.399;
ARGUS, Grun. 1331. 420-10f9; 1331. 10: R. E. D. 1.503; Petit Cat. 1.13;
1.2-4-5, 7; J. R. M. S. 1331. 322; V. A. S. 1.1. 28f15, 16; Wille 1.25f
14, 25; Trian 1331. 4f22, 23; (Cocconeis.)
" v. reticulata, Grun. 1331. 11; Det. S. 1.441; (Cocconeis; -Navicula.) ---
COSTATA, Grun. -Cl. 1331. 252; Lapt. 1373. 55; Det. S. 1.441; (Cocconeis.) -
CAMPYLONEIS, A. S. -Grun. 1331. 10, 93; Petit Cat. 1.13-4f5; Cl. V. 1.501;
Cl. 2. 4. 135; J. R. M. S. 1331. 245-14f5; M. T. P. 2-4-5; V. A. S. 1. 134-23f
10-12; 1.245; Wille 1.1.35f23-30; Det. Syll. 1.439; Grunella Vol. 1 p. 31:
(C. novaezillae; -Cocconeis G. & J. 18619.) - Cl. Nav. 2 p. 167; Grun. 1331. 11:
(C. villosoa) -
" v. argus, Grun. -V. A. S. 1.134; M. T. P. 2-4-5, 7; Cl. Nav. 2 p. 167:
(C. argus; Rhaphoneis fasciolata & Euborbia)
" v. granulata, Grun. -Cl. & M. 275 sub;
" v. microsticta, Grun. -V. A. S. 1.1. 23f8, 9; Cl. Nav. p. 167:

REGADIS, Grun. -Grun. 1331. 11; M. T. P. 2-5-3:
Wille 1.1.35f39, 40; Det. S. 1.440; - (C. grun. var. r.) cocconeis. -

" v. pinnata, Grun. -V. A. S. 1.1. 23f13, 14; (C. grunella?)
" v. obliqua, Grun. 1331. 11-1f5a, b; Det. Syll. 1.440; Grunella Vol. 1 p. 31-3f5a, b
NOTABILIS, Grun. -L. D. Vol. 2. 174-24f11a, b; (C. Grunella, v.?)
" v. oculata, Grun. -L. D. Vol. 2, no. 22 p. 235-22f1, 2.

CAMPYLOSTRA. --- (Grun., 1882) -

CYMBELLIFORMIS, A. S. -Grun. -V. A. S. 1.1. 153-45f45; T. No. 320; Det.
Syll. 1.393; (Synedra.: -S. & Dimeregramma arcus.)

JAPONICUS, Grun. & T. -Det. Syll. 1.393; (Cynatosira.) ---
" v. leptostigma, Cl. & Grove. -L. D. Vol. 2. 157-9f7, 3; Det. Syll. 1.399:

CAMPYLOSTYLUS. - (Shad. b., 1849) -

STRIATUS, Shad. b. Mss.: -1849. (Synedra Normanniana,) -

CASTRACANTIA. --- (Grun., 1882) -

BORYANA, Part. -Det. Syll. 1.750; (Salacia.)

CENTROPORUS. --- (Pant., 1891) -

CRASSUS, Part. 2. 30-4f57; Det. Syll. 1.1359;

CERANIUM. --- (Kothrock, 1786) -

VERRUCOSUM, Roth. Catalog.: - (Achnanthes brevipes.) ---
LUCIDUM, Grateloup Medical History Soc. in Aug. Syst. (Schiz. Grateloupii.) -

CERATAULINA. --- (Pant., 1891) -

BERGII, Pant., R. 1892 p. 7-1f15, 6; Cl. 1894 p. 11-1f6; (Zygocera pelagica.) ---
J. R. M. S. 1892 p. 20(2) p. 11-1f6; Cl. 1897 p. 20; (Pyxilla rotundata.) - (Ceratella.) ---

CERATAULUS. --- (Grun., 1882) -

--, A. S., Atlas 149f13, 14:

Gamphonis.

Girellia, n. regalis, L. v. Cl. rar. Ep. 167: (occasional req.)

> Scintillans, Bn. - LeD. vol. 2, no. 22 pl. 22 f 3:

Capsula. - (Bren, 1896) -

... LeD. 2, no. 22 pl. 20, note. -

Barboi, Bn. - LeD. vol. 2, no. 22 p 236-20 f 26, 27.

Biformis, Bn. - LeD. 2, no. 22 p. 236-10 f 28, 29.

calcarifera, Bn. - (Tric.)

concolorata, Bn. - (Tric.) -

exornata, Bn. - (Tric.) -

neglecta, Bn. - (Tric.) -

neogena, Bn. - (Tric.) -

quincunx, Bn. - (Tric.) -

radiata, Bn. - (Tric.) -

scabra, Bn. - (Tric.) -

ventricosa, Bn. - (Tric.) -

LeD.
vol. 2
no. 22
pl. 20
note.

GARINARIA. - (Bren, 1896) -

Subgenus of Gyilbonella. Trinobis in
Alg. Cabot 1868 p 96

- BERGONII, Perag.-LeD.Vol.2p. -I3f15,16; No.9,p.I03-I15:
(Cerataulina.)
- BORXANUS, Pant.2p.97; 3p. -29f42p; 32f463; Del.Syll.p.I067:
(Biddulphia primordialis.)---
- CALIFORNICUS, A.S.,Atlas II5f2-4; Wollé pl.97f9; Del.S.p.I073:
- GALLOPAGENSIS, A.S.,Atlas II5f3; Del.S.p.I073: (Biddulphia.)--
- HUNGARICUS, Pant.2p.97-26f375; Del.S.p.I077:
- JOHNSONIANUS, Grun.-J.Q.C.I335p.I71; I336p.323; Pant.2p.93:
Del.Syll.p.I073; Var., A.S.Atlas II5f15: (Biddulphia.)--
- JAPONICUS, Pant.3p.16-237; Del.S.p.I073: (Biddulphia primordialis.)
- KINKERI, A.S.,Atlas II5f9; Pant.2p.93; Del.S.p.I073:
- LABUENSIS, Cl.,Vega p.503-33f30; Atlas II5f11; Del.S.p.I076:
(Huttonia.)
- LAEVIS, E.-Ralfs,Prit.p.347-6f7; Grun.I333p.24; Eul.Sp.T.I9; R.E.D.
p.313: Cl.& M.7; J.L.S.I334p.516-43f3; Cl.Vega p.503; Del.Syll.p.
I074; Atlas II6f13; I5f7,3:
(Biddulphia; -Isthmia polymorpha; -Odontella.)
- ? var., ; Atlas II6f12,14;
- " v.Chinensis, Grun.-M.M.J.I377pl.I96f3; Del.Syll.p.I074;
- " v.Panglossi, Forrm.-Ann.Bot.Buit.I392p.55-4f7; Del.S.p.I074;
- " v.thermalis, A.S.,Atlas II5f3-3: (C.thermalis.)--
- MARGINATUS, Grove & St.-J.Q.C.I337p.I35-II121; Notar.I337p.351;
Atlas II6f7; Del.S.p.I075:
- OVALIS, A.S.,Atlas II5f5-7; Wollé pl.97f3,10; Del.S.p.I073;
- PACIFICUS, Grun.-Atlas II5f10:
- PERAGALLOI, Pant.3p. -32f455; Del.S.p.I073:
- PETIT, Forrm.-Ann.Bot.Buit.I392p.39-6f3; Del.S.p.I073:
- POLYMORPHUS, K.-Grun.,V.A.S.p.206-I04f3,4; Pant.2p.93;
J.Q.C.I337p.75; Wollé pl.97f5,11:
(Biddulphia; -Melosira; thermalis; -Odontella.)
- REICHARDTII, Grun.I333p.I53-I3f22; Cl.I373p.5: Del.Syll.
p.I075: (Huttonia.)---
- ROTUNDUS, Br.& Temp.-LeD.Vol.Ip.30-5f3; Del.Syll.p.I077:
- SCABER, Grev.-J.R.M.S.I333p.55; Del.S.p.I073: (Eupodiscus.)--
- " v.helioidiscus, Brun I39Ip.27-I7f1; Del.S.p.I073;
- SMITHII, Ralfs, Prit.p.347; R.E.D.p.313; Cl.I333p.213; I373p.10:
I373p.15; M.T.P.4-3-1; Lagr.I373p.14; Mobile; V.A.S.pl.I05f1,2;
Atlas II6f5,6; Villef.p.71; Del.S.p.I074;
(Biddulphia; -Anisocis, Bidd., & Eupodiscus radiatus:Odontella?)
- SOCOTRENSIS, Witt.-J.L.S.I334p.515-43f1,2; Del.S.p.I075;
- SUBANGULATUS, Grove & St.-J.Q.C.I333p.325-I9f12; Notar.I337p.345;
Atlas II6f13; I49f17; Del.S.p.I077:
- THERMALIS, Ralfs,Prit.p.347; R.E.D.p.314; Del.Syll.p.I074;
(C.laevis,v.: -Melosira; -Pleurosira.)---
- THOMII, A.S.,Atlas II5f11; Pant.2p.93; Del.S.p.I077:
- TITIANUS, Grun.I333p.I53-I3f25; Vega p.503; Del.S.p.I075:
(Biddulphia; -Janischia.)

+ scleromorphus,

" ¹~~forma~~ minor, Vst. J. pl. 105 f. 3, 4; - (O. contella.)

affinis O.

TURGIDUS, E. - *Oestrup* 1897 p. 344:

E. - Abh. Ber. 1340 p. 270; M. 1351 p. 63; Coll. M. O. 139-2f23, 27; Prit. 1352 p. 27; Prit. 1340-319; 1310 p. 39; R. S. D. p. 315; E. Sp. T. 13; Cl. & M. No. 33; V. 1. S. p. 503; V. 1. S. p. 206-104f1, 2; T. 493; Atlas 105f1-3; Mobile; C. O. 1335 p. 174; Cass. 1337 p. 101-25f3, 3; Ann. 2 p. 70; M. T. P. 4-3-2; Gran. 1335 p. 24; Prit. 21. 93; Malaisia; Del. Syll. 1. 1073: - (Maddalena) -
" var., A. S. Atlas 13512-14; Brun. Alp. p. 51; V. 1. S. p. 143-37f7; T. 231; Del. Syll. 1. 1073;
" 1335 p. 101, Prit. 31. 22f27; Del. Syll. 1. 1073:

CEPATONEIS. ---- (Ehr., 1838) -

Brun. Alp. p. 51:

--, V. 1. S. p. 1421:

--, Tanarek 1379 p. 47:

ACICULARIS, Ralfs, Prit. p. 733; Carr. p. 32; Del. Syll. p. 315:

(Nitzschella; -Nitzschia; -Synedra.)

ALPINA, Gran. 1335 p. 7-1f9; Amazon; Del. S. p. 315;

(Pseudo-Eunotia; -Synedra.) ---

AMPHIOXYS, Ralh. 5. S. p. 37-9f4; Gran. 1335 p. 7; Schim. 1. T. p. 35-2f33;

R. E. D. p. 73; Hoffmann, Marburg: (C. arcus, v.: -Nitzschia.) -

ARCUATA, Gran. 1335 p. 3; Del. Syll. p. 315;

(Ps. -Eunotia; -Synedra.) --

ARCUS, E. - K. B. p. 104-3f10; K. S. A. p. 39; R. S. D. p. 33-9f1; R. O. Ex. No. 13;

R. E. D. p. 73f19; Gran. 1332 p. 345; 1335 p. 7; Amazon: R. Sac. Exs. 343; R. Al. 352, 354, 1027; Eil. Sp. T. 20; Cl. 1337 p. 337; 1335 p. 200; Nares: 1331 p. 3;

1391 p. 32; Cl. & M. 17; Schim. H. T. pp. 45, 35; Italy; K. T. 4 p. 15-1f3; Sp. S.

Sp. T. 33; M. T. P. 1-2-3; Prollius p. 70; Kinnora; Brun. Al. p. 52-2f29;

Del. 1372 p. 19; Tanarek 1379 p. 47, f238; V. 1. S. p. 143-37f7; T. 231; Del.

Syll. 1. 314; Prit. p. 33; Wille 11. 30f24, 25; Hoffmann, Marburg: Sp. S.

Curia; Herib. 1. 133; Cl. 1337 p. 337;

(Cymbella; -Eunotia; -Navicula; -Synedra gibbosa; -Toxostoma striatula Sa.)

Vaccinata.

" var., Brugger, Wartmann & Sch. Cent. 4, fasc. 7, No. 340:

" v. amphioxys, Ralh. - Brun. Alp. p. 52-2f23; Herib. p. 137; Del. Syll. p. 314;

(C. amphioxys.) ---

BICEPS, W. S. - Gran. 1335 p. 3; Del. Syll. p. 315:

(Eunotia; -Pseudo-Eun.: -Synedra flexuosa, v.) -

CLOSTERIUM, E., Vred. 1340 p. 157-4f7; K. B. p. 104-4f11; Prit. p. 733-12f59;

K. S. A. p. 33; Carr. p. 32; Del. S. p. 315: (Nitzschia; -Nitzschella.) ---

CRETAE, E. - Abh. Ber. 1344 p. 77; M. p. 1. 22f61; Italy; K. S. A. p. 33:

Prit. p. 731; Del. S. p. 314;

DEPRESSA, Schim. 1337 p. 53-1f23; H. T. p. 66-2f34:

EXCISA, Gran. - ? Amazon: -

FASCIOLA, E. - Kr. 1340 p. 157-4f6; Mik. p. 143; K. B. p. 104-4f4; K. S. A. p. 33:

R. S. D. p. 37-9f2; Del. S. p. 315:

Gyrogonia Pleurosigma. ---

FLEXUOSA, Gran. 1335 p. 3; Del. S. p. 315: - (Eunotia; -Pseudo-Eun.: -Synedra.) --

GRACILIS, Breb. - K. S. A. p. 39; R. S. D. p. 37; Prit. p. 733; Carr. p. 32; Del.

Syll. 1. 315: (Cylindrotheca; -Nitzschia tanna; Nitzschella.) ---

HEMICYCLUS, Gran. 1335 p. 3; Del. S. p. 315: - (Eunotia; -Pseudo-Eun.: -Synedra.) --

LAMINARIS, E. - Amer. 11. 3-7f24; Mik. p. 53; pl. 34-7f12; K. B. p. 104-29f33;

K. S. A. p. 33; Prit. p. 733; R. S. D. p. 37-9f3; Del. S. p. 315:

(Nitzschia birostrata.) -

+ Turgidus, G. - - (Colantella?)

- LINEA*, Ralfs, Prit.p.783; Det.Syll.p.315: (Synedra.)----
LONGISSIMA, Breb.-K.S.A.p.391; Prit.p.733-4f23; Carr.p.32; Det.
 Syll.p.315: (Nitzschia l. & birostrata; -Nitzschiella.)----
LUNARIS, E.-Grün.1365p.7; Schum.H.T.pl.46,65; 1367p.55-1f21a-c;
 Lagr.1373p.20; M.T.P.I-2-7; Det.Syll.p.315;
 (C.laminaris; -Pseudo-Eunotia; -Synedra.)
 " var."b" falcata, Grün.1365p.7: (Synedra f.)---
 " var."g" bilinaris, Grün.1365p.7: (Synedra b.)---
 " v.cuspidata, Schum.H.T.p.65-2f21e; 1367p.55-1f21e;
 " v.minor, Schum.1367p.55-1f21a: (C.minor.)----
PACHYCEPHALA, Grün.1365p.3-1f10; Det.Syll.p.315;
 (Eunotia; -Pseudo-E.: -Syn.flexuosa, v.)--
PLACENTA, E.-Mik.pl.33-12f23; Det.S.p.315: (Navicula.)---
REVERSA, Ralfs, Prit.p.783; Carr.p.32; Det.S.p.315;
 (Nitzschia; -Nitzschiella.)---
RHOMBOIDES, E.-Mik.p.130; Det.Syll.p.315:
SCHUMANNII, Rabh.-Schum.1367pl.1f22;
SPIRALIS, K.B.p.104-4f33; K.S.A.p.33; Prit.p.733-13f9; Det.S.p.315:
 (Nitzschia; -Nitzschiella.)---
SUBARCUATA, Grün.1365p.3; Det.Syll.p.315; (Pseudo-E.: -Synedra.)----
SUBULATA, Breb.-K.S.A.p.39; Prit.p.733; Det.Syll.p.315:
 (Nitzschia; -Nitzschiella.)---
TOXON, Perty.-Wl.Leb.p.205-17f13; R.E.D.p.77: (C.arcus.)
- CESTODISCUS.--- (Grev., 1865)-
 --, A.S., Atlas 53f34:
BAILEYI, H.L.Sm.Sp.T.67; A.S.M.1877p.102; A.O.S.M.1881p.13-3f6;
 Wille pl.74f9, 10: 1877p.102 (Coscino-discus.)----
CINNAMOMEUS, Grev.-Grün., V.H.S.pl.126f1; Det.Syll.p.1309:
 (Triceratium?: -Novum Genus?)-
 " v.minor, Grün., V.H.S.pl.126f2;
CONVEXUS Cast.1337p.123-7f6; Notar.1339p.747; Det.S.p.1303:
CORONATUS, Cast.1337p.124-7f9; Notar.1339p.747; Det.S.p.1309:
CEMIFER, Cast.1337p.124-2f7; Notar.1339p.747; Det.Syll.p.1303:
 (C.pulchellus, v.)--
 " var., Cast.1337p.125-7f7;
 " v.decrescens, Cast.1337p.125-12f11; Malaisie; Det.S.p.1303:
HIRTULUS, Grün.-V.H.S.pl.126f3; (C.pulchellus; -Coscino-discus.)-
INTERSECTUS, Brun.--- (Coscino-discus?)
JAPONICUS, Cl.-Brun & T.p.70:
JOHNSONIANUS, Grev.-T.M.S.1365p.43-5f3; Brun & T.p.70:-(Coscino-discus.)
MORONENSIS, Grev.Mss.: Rattr.Rev.Cosc.p.453: (Coscino-discus.)-
OBSCURUS, A.S.-V.H.S.pl.129f4: (Coscino-discus.)--
OVALIS, Grev.-T.M.S.1365p.49-5f9; M.T.P.4-I-10: Atlantic City:
 (Coscino-discus.)---
 " var., Witt 1335p.23-3f11; Rattr.Rev.p.450:-(A'eyclus.ellipticus.)
PARMULA, Cast., 1337p.125-7f5; Notar.1339p.743; Det.S.p.1309;
PEPLUM, Brun, 1391: (Actinoeyclus.)--

PROTIEUS, Hardmann.-V.M.S.pl.126f3: (Coscinoideus.)
 PULCHELLUS, Grev.-T.M.S.1336p.123-II f5; Grun.1333p.103; Cl. & M.132:
 Brun & T.p.70:-(C. & Coscino. trinitatis; -C. hirtillus; -Cosc. superbus.)-
 " v.gemmifer, Casti.-Brun & T.p.70: (C.gemmifer.)--
 (.)
 /RADIATUS, E.-Rattl.Rev.Cosc.1.50I:-(Coscino. cellus-in lais, v. Corsiana)
 RAPAX, Casti., 1337p. -13f2; Notar.1339p.743; Det.Syll.p.1303:
 RHOMBICUS, Grun.-V.M.S.pl.129f3; Det.S.p.1309:-(Cosc. rhomb., Grun.)
 SOL, Wallich.-Rattl.Rev.p.433: (Coscinoideus.)----
 STOKESIANUS, Grev.-T.M.S.1336p.123-II f4;
 SUPERBUS, Hardmann.-Cole's Studies 1336; Atlas 133f13; 143f7;
 W. & C.2p.9-5f14,15; (Coscinoideus.)----
 TRINITATIS, Grun.-V.M.S.1336p.123-II f4 (C.pulchellus)-
 TROCHUS, Casti., 1337p.123-7f1; Notar.1339p.743; Det.Syll.p.1303;
 " var., Casti., 1337p.123-7f3:

CHAETOCERAS.---(Ehrh, 1844.)-

--, Ber.Deutsch.1339p.331-14f1-9:
 --, T.M.S.1372p.9-313:-(C.furcata) --, m.m.J.1877p.63-172f3
 --, E., Abh.Ber.1370p.52, pl.1-1f20:
 AEQUATORIALE, Cl., Java p.10-2f9; Det.Syll.p.991:
 AFFINE, Lander.-T.M.S.1334p.73-3f5; Neww.1335p.32; Pant.2p.74;
 Det.Syll.p.993:
 ANGLICUM, Grun.-V.M.S.pl.132f3: (C.firecellatum, v.)---
 ANTARCTICUM, Cl. & Gr.-Cl.1331p.121; Cl. & M.125: (C.Antarcticum.)---
 ARUATUM, West.-T.M.S.1330p.151-7f12; Prit.p.332; A.J.M.S.1330p.140;
 Eul.Sp.1.21; Carr.p.96; R.E.D.p.321; Sm.Sp.1.323; Cl. & M.235: V.M.
 S.p.195-3f11-4; T.No.443; Reinhard; Det.S.p.939:
 ATLANTICUM, Cleve 1373p.11-2f3; 1330p.121; Vega p.437:
 Det.S.p.993: Cl.1894p.11; 1897p.20: (C.Antarcticum.)
 " v.attenuata, Grun.-Cl.1330p.121; Vega p.437; Det.S.p.994;
 Cl. & M.Nos.113, 125 sub:
 " v.tumescens, Cleve 1330p.121; Vega p.437; Cl. & M.125 sub;
 V.M.S.pl.31f3; Det.S.p.994;
 BACILLARIA, E.-Abh.321.1344p.235; A.J.S.1345p.323-4f13; W.S.A.p.133;
 A.J.1353p.1.7f1,2; Mill; R.E.D.p.321; Wille pl.65f9,10: (Diploneis.)
 BACTERIASTRUM, Wallich.-T.M.S.1330p.43-2f16,17; Det.Syll.p.999:
 (Bacteriastrum, species miltae.)--
 BARBATUM, & Brw.-M.J.1353p.107-7f39-42; Jan.G1.p.17-1a, f31,34;
 R.E.D.p.322; Deby Polder p.12: (Goniothecium.)
 BIHARENSE, Pant.3p. -2f1306; Det.Syll.p.999:
 BISETACEUM, Schum.1337p.30-1f27; Det.S.p.995;
 BOREALE, Bailey N.S.p.3, f22,23; T.M.S.1353p.107-7f12-15; 1330p.43,
 152-2f13; 7f13; 1334p.73-3f7; Prit.p.331-3f25; Grun.1333p.23: Mill:
 Carr.p.96; Jan.G1.p.13; Schum.1337p.30-1f23; R.E.D.p.322; O'M.Verg.:
 Cl.1373p.12; Nare; Vega p.437; Wille pl.65f11,20,23; Det.Syll.p.990:
 (C.Parvianis, v.)-- Cl.1894p.12: Oestreb 1897p.142: Cl.1897p.20-1f1:
 " v.Brightwellii, Cleve 1373p.12-2f7; Vega p.437: 1897p.20-1f2:

+ pulehellus, Gr.

" v. Trinitatis, Gr. - D.H.S. pl. 126 f4: - (Coscinodiscus?)

+ anastomosans, Cl. 1897 p. 20: - (G. externum)

- atlanticum, Cl. 1897 p. 20:

" v. compacta, Schutt. - Cl. 1897 p. 20: (Ch. comp.)

" v. exigua, Cl. 1897 p. 20 - 1 f 9:

> Balticus, Cl. - R. Gr. A.K. Rep. 22 (3) 5 p. 28, f 2: Cl. 1897 p. 20:

> biconcavum, Gran N.E. p. 27-3 f 46: - (G. bottnicus)

Boreale, Bril.

" var. densa, Cl. 1897 p. 20 - 1 f 34:

" " radis, Cl. 1897 p. 20 - 1 f 5: - (Ch. con. radis)

" " solitaria, Cl. Scot. p. 278: 1897 p. 20:

- BREVISPINUS, Castr.-Notar. I339p.743; Det.Syll.1.999:-(*C. bacteriastum*.)
 CALIFORNICUS, Grun., V.H.S. pl.32(2)f3; Wollé pl.35fI3; Det.S.p.1000;
 CELLULOSUS, Lander.-T.M.S. I334p.73-3fI2; (C. Lorenzianum.)---
 CILIATUS, Lander.-T.M.S. I334p.77-3f2; Heuw. I335p.32; Det.S.p.995:-(*C. compressus*)
 CLAVIGERUS, Grun. I334p.44-5f5f; Brin & T. p.70; Det.S.p.994;
 COARCTATUS, Lander.-T.M.S. I334p.79-3f3; Cl. Java p.9-2fI0; Vega p.5I3;
 Malaisie; Villef. p.34; Det.Syll.1.995; Cl. 1897p.20: (C. validum.)---
 COMPRESSUS, Lander.-T.M.S. I334p.73-3f6; Cl. Java p.3; Heuw. I335p.32;
 Malaisie; Det.S.p.995; Cl. 1894p.12-2f5; Schott. Chast. pl.3f4: (C. ciliatus.)
 CONFERVOIDES, Ralfs, Prit. p.332; Carr. p.93; Det.S.p.1000;
 CONNIVENS, Grun.-Cl. & M. II3; Vega p.437; Det.S.p.1000;
 CONVOLUTUS, Castr. I337p.73; Notar. I339p.743; Det.S.p.997:-(*C. borealis*, v. *rudis*)
 +CRIOPHILUS, Castr. I337p.73; Notar. I339p.749; Det.S.p.993: +
 CREMATUS, E.-Rabh. E.D. p.322;
 CURVATUS, Castr. I337p.73; Not. I339p.743; Malaisie; Det.Syll.1.997;
 CURVIS, Cleve.-Malaisie;
 CURVATUS, Cl. ~~Rede Gule Reps 1896 p.29f12~~ Bot. Cblt. I390p.13; Malaisie;
 Det.S.p.992; Cl. K. n. n. 1889p.58; Cl. 1889p.12-1f5; Gran N.E. p.22-2f22; 3f43; +
 DANICUS, Cleve I391p.35-3fI3, I9; Kattagat I389p.55f11; Botan.
 Centralblatt I390p.13; Det.Syll.1.991; Cl. 1894p.12; Schott. Ch. pl.3f5; Cl. 1897p.21;
 > DECIPIENS, Cleve I373p.11-1f5; Nares; Vega p.433; Malaisie;
 Det.Syll.1.992; Oestrup 1897p.342; Gran N.E. p.17-1f2,3; 3f34; Cl. 1897p.21;
 ' v. *concreta*, Grun.-Cleve Vega p.433; 1880p.120; Cl. 1894p.13; ~~Cl. 1894p.109~~
 DEMICULATUS, Lander.-T.M.S. I334p.79-3f9; Heuw. I335p.32;
 Cl. Java p.9; Det.Syll.1.995;
 DICHAEA, E.-Abh. Ber. I344p.200; I372p.1.12f3,4; K.S.A. p.133; Prit. p.
 332; N.L.V.D. p.26-3f77; Perag. p.77; Det.S.p.990: (C. remotus.)---
 DICLADIA, Castr., I337p.32-3fI; I9f7,3; Notar. I339p.749; Det.Syll.
 p.993: (Dieladiae, species multae.)--
 DIDYMUS, E.-Abh. Ber. I345p.75; He. pls. 35A-17f3; 35A-13f4; K.S.A. p.133;
 M.J. I353p.1.7f3-7; Prit. p.332; Jan. Gu. p.17-1a, f2I, 30, 32; Carr. p.93;
 M.D. pl.4If47; Weisse Gu. pl.1fI5; R.E.D. p.32I; M.T. P.3-5-10; Brin &
 T. p.70; T.B.C. Vol. I3p.209-92f3; Wollé pls. 35fI2, I4-I6; 73fI6; Det.
 Syll.1.997; Cl. 1894p.13-1f3,4; Gran. N. n. Exp. p.1f8-10:35; (C. mamillanum.)
 DIPLOMIS, E.-Abh. Ber. I344p.265; A.O.S. I345p.323-4fI9; M. pl.33-13fI;
 K.S.A. p.133; Prit. p.33f; R.E.D. p.32I; Det.S.p.997:-(*C. bacillaria*.)---
 DISPAR, Castr. I337p.73-3f6; Notar. I339p.749; Det.S.p.993;
 DISTANS, Cl. Java p.9-2fI1; V.H.S. pl.32f4; Mobile; Brin & T. p.70; (C. laciniatus)
 Villef. p.34; Malaisie; Wollé pl.32f29; Det.S.p.990; Cl. 1894p.14-2f2;
 DIVERSUS, Cl. Java p.9-2fI2; V.H.S. pl.3If5; Villef. p.34;
 Malaisie; Det.Syll.1.991;
 EIBENI, Grun., V.H.S. pl.32f9, 10: (C. paradoxum, v.3)---
 FORCATUS, E.-Abh. Ber. I372p.192; Det.Syll. p.1000;
 FORCELLATUS, Bailey.-A.O.S. I353p.3-1f4; Prit. p.332; R.E.D. p.322; Cl.
 I330p.120-7fI36; Vega p.437; Det.S.p.994; Oestrup 1897p.342;
 ' v. *Anglica*, Grun.-V.H.S. p. Det.S.p.994; -(*C. anglicus*).
 ' v. *mammosa*, Cl. I330p.120-7fI37; Vega p.437; Det.S.p.994;

- > Bottan, Cl. 1897 p. 20: Roy. Soc. Rep. 1896 p. 20: (C. Brightwellii)
- > Brightwellii, Gran N.E. p. 11-1 f 11-12: (C. Brightwellii)
- > cinctus, Gran N.E. p. 24-2 f 23-27: Cl. 1897 p. 20: (C. incurrens, Bln)
- > cochlea, Schutt, Ber. Deut. Bot. Ges. 1895 p. 41: (C. curvisetus)
- > compactum, Schutt, Ber. Deut. Bot. Ges. 1895 p. 46, f 23: (C. Brightwellii)
- > constrictus, Cl. R.S. 2. Rep. 1897 p. 28, f 9, 10: (C. Brightwellii)
- > constrictus, Gran N.E. p. 17-1 f 11-13: Cl. 1897 p. 20:
- > contortus, Schutt, Ber. Deut. Bot. Ges. 1895 p. 44: 1897 p. 10:
- > coronatus, Gran N.E. p. 22-2 f 28-31: Cl. 1897 p. 20:
- > curvisetus, Schutt, Ber. Deut. Bot. Ges. 1895 p. 42: Cl. 1897 p. 20:
- + criophilus, Cl. 1897 p. 20-1 f 6: (C. Brightwellii)
- > currens, Cl. Scot. p. 299 f 8: 1897 p. 20:
- + curvisetus, Cl. 1897 p. 20-1 f 16: (C. cochlea)-
- > debilis, Cl. 1894 p. 13-1 f 2: 1897 p. 21: Gran N.E. p. 23-2 f 14, 15: (C. currens)
- > discrepans, V. Gronovii, Schutt, Cl. 1897 p. 21: (C. currens)
- > diadema, E. - Gran, N.E. p. 21: 1897 p. 342: Cl. 1897 p. 21: (C. curvisetus, p.p. n. Gronovii & Schutt)
- + discrepans, Schutt, 1897 p. 21: Cl. 1897 p. 21:
- > " v. hiemalis, Cl. 1897 p. 21-1 f 18:
- > " v. longicurvus, Cl. 1897 p. 21-1 f 16, 17: (C. furcellatus, var.?)
- + diversus, " var. tenuis, Cl. 1897 p. 21-2 f 2:
- > externum, Gran N.E. p. 25-3 f 4, 4: (C. currens)
- > furca, Cl. 1897 p. 21-1 f 10: Landen Tm. S. Vol. 12 p. 354
- + furcellatus, Bail. - Cl. 1897 p. 21: Roy. Soc. Rep. 1896 (3) No. 4 p. 2 f 7:

GASTRICUM, E.-Abh. Ber. I345p.75; M.J. I353p. I07-7f3; Prit. p.362; R.E. D. p.322; V.HS. pl.32(2)f1,2; J.Q.C. I337p.7I; Pant. 2p.74:-(Goniothec.)-
 GRACILIS, Pant. 3p. -I9f276; Det. Syll. p.999:
 HALO, Brun.-Det. Syll. p.999:- (Bacteriastrium.)
 HISPIDUM, Britw.-M.J. I353p. I07-7f37; R.E. D. p.322;
 (C. Moniceae:-Goniothecium.)---
 HUNGARICUM, Bailey N.S. p.9, f30-32; M.J. I353p. I07-7f9-II; Prit. p.362;
 Carr. .96; Jan. G. p. I7-Ia, f33; R.E. D. p.322; Brun & T. p.70; Wille pl. 35f9, I0; Det. S. p.990:
 " v. umbonata, Castr. I337p. 30-29f I0, I6; Det. Syll. p.990:
 IMPLICANS, E.-Abh. Ber. I372p. 2I3, pl. 4f3, 4; Det. S. p. I000:
 JANISCHIANUM, Castr. I337p. 77 cum icone; Not. I339p. 749; Det. S. p.993:
 JAPONICUS, E.-Abh. Ber. I372p. I98; Det. Syll. p. I000:
 JAVANICUM, Cl. Java p. I0-2f I3; Brun & T. p.70; Malaisie; Det. S. p.99I;
 KARIANUM, Grin.-Cl. I330p. I20-7f I35; Vega p. 437; Det. S. p.994;
 LAEVE, Forst. -Ann. Bot. Brit. I392p. 33-3f2; Det. S. p. I000:
 LAUDERI, Ralfs. -T.M.S. I364p. 77-3f4; Shaw. I365p. 32; Det. S. p.995;
 " var., Ralfs, T.M.S. I364p. 73-3f3;
 LORENZIANUM, Grin. I363p. I57-I4f I3; I363p. 23; Cl. Java p.9; Sm. Sp. I. 329; V.HS. pl. 32f2; Villef. p.34; Malaisie; Det. S. p.994; -(C. cellulosum)
 " v. parvula, Grin.-Cl. I330p. I20-7f I33; Vega p. 437; Det. S. p.994;
 LORENZII, Grin.-V.HS. pl. 32(2)f9;
 MAMILLANUM, (L.) Kunt. 1885p. 55; Kunt. 1885p. 3 cum icone; ---
~~Cleve Kunt. 1885p. 55; Kunt. 1885p. 3 cum icone; Bot. Chlt. I390p. I3, Nos, 27, 28;~~
 Det. Syll. p.993;
 MESANSE, Castr. Med. I375p. 75-Iff Ia; Villef. p.34; Det. S. p.993;
 MONICAL, Grin.-V.HS. pl. 32(2)f4; Wille pl. 35f22; Det. Syll. p. I000:
 (C. hispidum.)-
 NAVICULA, Britw.-M.J. I353p. 7f7f33; R.E. D. p.322: (Goniothecium.)
 NODULOSUM, Shadb.-Det. Syll. p. I000: (Bacteriastrium.)
 NUDE, Forst. -Ann. Bot. Brit. I392p. 37-3f I:
 ODONTELLA, Rabh. E. D. p.322: (Goniothecium.)
 PANDURIFORMIS, Bailey Coll.: Det. S. p. I000:
 PARADOXUM, Cl. Jav. p. I0-3f I6; Malaisie; Det. S. p.992:-(C. Eiboni.)-
 " v. subsecunda, Grin., V.HS. pl. 32(2)f3, 7; Det. S. p.992;
 PELAGICUM, Cl. I373p. II-Iff4; Vega p. 437; Det. S. p.993;
 PERUVIANUM, Britw.-M.J. I353p. I07-7f I3-I3; I353p. -5f9, I0; Prit. p.362;
 Bull: R.E. D. p.322; O'M. Vesp.: Cl. I373p. I2: Java p.3; Vega p. 437;
 Malaisie; Villef. p.34; Det. S. p.99I; Cl. I377p. 22; Cl. Scott. p. 299f7:
 " v. robusta, Cl. Java p.3-2f3; Malaisie: (C. boreale ?)--
 PETHOI, Pant. 3p. -20f239; Det. S. p.999:
 PENNATUS, Grin.-Det. Syll. p. I000: (Actiniscus & Bacteriastrium.)-
 PLIOCENUM, Brun, & I39I p. I5-I9ff Ia-c; Det. S. p.997:
 PRODUCTUS, H.L. Sm.-Det. Syll. p. I000:-(Bacteriastrium.)---
 PROTUBERANS, Lard.-T.M.S. I364p. 79-3f II: Cl. Java p.9; Det. S. p.993:
 " var., Castr. I337p. 73-3f2:
 RADICULUM, Castr. I337p. 39 cum icone; Not. I339p. 749; Det. S. p.997:
 RALFSII, Cl. Java p. I0-3f I5; V.HS. pl. 32(2)f3; Brun & T. p.70;
 Malaisie; Villef. p.34; Det. S. p.992:

- > gracile, Schott. - Ber. Deut. Bot. Ges. 1895 p. 42: -
- > Groenlandicus, Cl. - G. S. 11. Sep. 1894 p. 11. - Cl. -
- > Grunowii, Schott. - Ber. Deut. Bot. Ges. 1895 p. 43: - (Ch. decipiens, var.)

incanum, Boid. - M. S. 1856 p. 101-7 f. 7, 10. - (Ch. -)

> laciniosus, Schott. - Ber. Deut. Bot. Ges. 1895 p. 38: (Ch. hist. app. 75. - 4 det.)
 Gran. N. E. pl. 1 f. 4-7.

> Leudogei, B. - Le D. vol. 2, no 16 p. 74. - 6 f. 12-15.

+ Lorenzianum, Cl. 1897 p. 21. - 1 f. 13-15. - 1897.

+ Messanense,

> herposillum, Cl. 1897 p. 22. - 1 f. 12: - (Ch. bollnecum, var.?)

> plicato-rugosum, Bn. - Le D. vol. 2, no 16 p. 75. - 6 f. 16-19.

- REMOTUS, Grn. & Cl.-Cl. I330p. I20; Cl. & M. I25 sub: (C. aichaeta.)--
 ROGERSII, E.-R.E.D.p. 322: (Goniotheecium.)
 ROSTRATA, Land.-T.M.S. I354p. 79-3f I0; Neww. I355p. 52; Det. Syll. p. 996:
 RUDIS, Fortm.-Malaisie; Det. Syll. p. I000:
 SECUNDUM, Cl. Java p. I0-2f I4; Malaisie; Det. S. p. 992:
 " ^{spiralliter} var. H.V.HS. pl. 32(2)f5;
 SIGMO-CALAMUS, Brun & T. p. 3I-7f5; Det. S. p. 993:
 + SOCIALIS, Land.-T.M.S. I354p. 77-3f I; Neww. I355p. 5I; Det. Syll. p. 995;
 SPIRILLUM, Bailey Coll.: Det. Syll. p. I000: (Bact.)-
 SYMMETRICUS, Fortm.-Det. Syll. p. I000: (Bact.)
 TENELLUS, E.-Abh. Ber. I372p. I79; Det. S. p. I000:
 TETRACHAETA, E.-Abh. Ber. I344p. 200; I372p. I2f5, 6; W.S.A. p. I33;
 Prit. p. 332; R.E.D. p. 32I; Det. S. p. 997:
 VALIDUM, Grn.-Cl. & M. I25: (C. coarctatum, v.)---
 VARIANS, Land.-V.H.S. p. I95-70f3-5; T.No. 445; Det. Syll. p. 993:
 (Actiniscus; -Bacteriastrium furcatum, curvatum & v.)
 WIGHAMII, Brw.-M.S. I353p. I03-7f I9-36; Prit. p. 362-3f24; Carr. p. 96:
 Hall: R.E.D. p. 32I, I9I; Cl. I373p. I2; I330p. I20-7f I34; I39Ip. 35-3f I7;
 Vega p. 437; Fortm. Cey. p. 73; Sm. Sp. T. 63; Carp. I33Ip. 354, f I32; Dannf. p.
 43; V.H.S. p. I95-32f I; Perag. p. 77; Det. S. p. 990: (refer Cl. & C. bottnica)
 Cl. I897 p. 22; Carp. I89I, f469:
 CHELONIODISCUS.-(Pant., I886.)-
 ?? LeD. Vol. Ip. I2: Pant. Ip. ???:- (Tabulina testudo.)--
 ANANINENSIS, Pant. 2p. 35-I7f232; 3p. -27f393; Det. Syll. p. 499:
 CLADOGRAMMA; --- (Ehr., I854). -
 CALIFORNICUM, E.-Mik. pl. 55-I3f Ixx; Bailey Coll.: Prit. p. 3I4-3f II; V.
 H.S. pl. 33(2)f I3, I9; M.D. pl. 42f24; Det. Syll. p. I422: -(Stephanoponia.)--
 CEBUENSE, Grn.-V.H.S. pl. 33(2)f20: Det. S. p. I422:
 CONICUM, Grv.-T.M.S. I355pls. 5f7; 3f I, 2: Det. S. p. I42I;
 " v. reticulata, Brun & T. p. 69:
 OVALE, Grn.-Cl. & M. 2I5 sub; Det. S. p. I422:
 CLADOMPHALUS.--- (Bailey, J)-
 ELEGANS, Bailey Coll: Det. Syll. p. I425: (Asteromphalus.)
 CLAVICULA.----- (Pant., I886.)-
 ARENOSA, Brun, I39Ip. I5-22f2; Det. Syll. p. 697:
 ASPICEPHALA, Grs.-J.R.C. I337p. 73: (C. polymorpha, v.)---
 BIARENSIS, Pant. Ip. 33-26f232; Notar. I333p. 552; Det. S. p. 697:
 DELICATULA, Pant. 2p. 35: (C. polymorpha.)--
 " v. radiata, Brun & T. p. 3I-9f I3: (C. polymorpha, v)
 JIMBOI, Pant. 3p. -42f533;
 KINKERI, Pant. 3p. 2. -3f50;
 POLYMORPHA, Grn.-Pant. Ip. 37; Notar. I333p. 53I; Det. S. p. 695;
 (C. aspicephala, delicatula, robusta.)--
 " v. amphilepta, Pant. Ip. 37-26f234; 2, p. 35: Notar. I333p. 552;
 Det. S. p. 696:

> Salicaria, Cl. 1897p. 22-158:

> SCHITTII, Cl. 1897p. 22-158: Gran N.E.p. 19-25 19, 20:

> Scelopendra, Cl. R.S. Rep. 1896(3) no. 5p. 3 of 4, 5: 1897p. 22:

Gran N.E.p. 24-45 52, 53:

> seiracanthus, Gran N.E.p. 21-35 39-41: Cl. 1897p. 22:

> Septentrionalis, Gran N.E.p. 21-35 39-41: Cl. 1897p. 22: (Ch. gracile) -

> similis, Cl. 1896(3) no. 5p. 3 of 5: 1897p. 22: Gran N.E.p. 15-45 55:

> Skeleton, Sch. It. - Dec. Dec. 1895p. 15: Cl. 1897p. 22-253:

+ socialis, Cl. 1896(3) p. 7-25: 1897p. 22: Gran N.E.p. 21-35 39-41:

> vermiculus, Sch. It. - Dec. Dec. 1895p. 34: -

> subtilis, Cl. R.S. a. 1896(3) 5p. 30, f8; 1897p. 22:

> teres, Cl. R.S. a. 1896(3) 5p. 30 of 7, 11: 1897p. 22:

> tetrastichon, Cl. 1897p. 22-157:

> Missilogii, Sch. It. - Dec. Dec. 1895p. 44: Cl. 1897p. 22:

> Willi, Gran N.E.p. 19-25 47: Cl. 1897p. 22:

CLISTULA.

Lorenziana, Gran. - Cl. Nav.p. 124-153: - (Marsili)
atlas 2 12 f 51-56;

Clavaria

filiformis, On. L.S. Vol. 2, no. 1 p. 75-55 12-14: -

(thal' thrix. elongata v.)

- v. aspicephala, Pant. Ip. 37-2f15; 2p. 35: Notar. I333p. 531;
 Det. Syll. p. 696: (Clav. aspic.)--
 v. delicatula, Pant. Ip. 37-9f75; 26f233a; 26f237: Det. S. p. 696:
 Notar. I333p. 532: (C. delicatula.)
 v. pachycephala, Pant. Ip. 37-26f233: Notar. I333p. 531; Pant. 2p. 35:
 Det. Syll. p. 696:
 v. platycephala, Pant. Ip. 37-26f235; Notar. I333p. 532; Det. S. p. 696:
 v. radiata, Brin. - Det. Syll. p. 696: (C. delicatula, v.)
 v. tumida, Pant. Ip. 37-2f12; 2p. 35: Notar. I333p. 531; Det. S. p. 696:
 ROBUSTA, Brin, I39 Ip. I3-22f1; Det. S. p. 696: (C. polymorpha.)---
 SZAKALENSIS, Pant. Ip. 33-30f301; Notar. I333p. 532; Det. Syll. p. 697:

CLAVULARIA. ---- (Grev., 1865.)-

- BRR3. DENSIS, Grev. - T.M.S. I335p. 24-3f1-3; M.D. pl. 42f33; Det. S. p. 317:

CLIMACIDIUM. --- (Ehr., 1869.)-

- DECAODON, E. - Abh. Ber. I369p. 47, pl. 2-3f3: - (Eunotia.)
 DIADEMA, E. - Abh. Ber. I369p. 47, pl. 2-3f4: - (Eunotia.)
 ENNEODON, E. - Abh. Ber. I369p. 47, pl. 2-3f7: - (Eunotia.)
 FRAUENFELDII, Grun. - V.H.S. pl. 106f5: --- (Eunotia.)
 HENDECAODON, E. - Abh. Ber. I369p. 47, pl. 2-3f9: - (Eunotia.)
 HEPTAODON, E. - Abh. Ber. I369p. 47, pl. 2-3f5: - (Eunotia.)
 MONODON, E. - Nord. p. -2f11: - (Eunotia.)
 OCTODON, E. - Abh. Ber. I369p. 47, pl. 2-3f6: - (Eunotia.)
 PENTODON, E. - Abh. Ber. I369p. 47, pl. 2-3f3: - (Eunotia.)
 TETRAODON, E. - Abh. Ber. I369p. 47, pl. 2-3f2: - (Eunotia.)
 TRIODON, E. - Abh. Ber. I369p. 47, pl. 2-3f1; I370p. 53, pl. 3-1f23;
 (Eunotia tridentula, v.) -
 ZYGODON, E. - Nord. p. -2f10: - (Eunotia.)

CLIMACODIUM. --- (Grun., 1868.)-

- FRAUENFELDIANUM, Grun. I333p. 102-1a, f24; Det. Syll. p. 936: (Eucampia.)-
Grevillea vol. 1 p. 93-6 f10:

CLIMACONEIS. --- (Grun., 1868.)-

- FRAUENFELDII, Grun. I362p. 421-7f2; Det. Syll. p. 760:
 (Stictodesmis Australis: *Var. Scopulorum*:
 LORENZII, Grun. I362p. 421-3f7; Hedw. Vol. 6p. 7; R.E.D. p. 305;
 Det. S. p. 760: [*Var. scopulorum*] (Climacosphaenia linearis.)---

CLIMACOSIRA. --- (Grun., 1862.)-

- MIRIFICA, Grun., I362p. 424-9f3; I333p. 96; Cl. I373p. 14; Vega p. 503;
 M.T.P. 2-1-7: Det. Syll. p. 765: (Rhabdonema.)---

CLIMACOSPHEANIA. --- (Grun., 1870.)-

- AUSTRALIS, K.B.p. 123-10f3; K.S.A. p. 114; Prit. p. 772; R.E.D. p. 299:
 Grun. I363p. 5; Perag. p. 73; Det. Syll. p. 740: (C. Indica.)---
 CATENA, Sbrad. - T.M.S. I351p. 17-1f15; Fortm. Cey. p. 54: - (C. monilifera.)---

Clavularia

citronata Gr. - Le D. 2, no. 23 p. 106-209, 18. (R. L. L. L.)

Cleveia

Cleveia Castacanei, Pant. - Le D. vol. 2 p. 162; (C. L. L. L.)

Climacodium

biconcarum, Cl. 1897 p. 23-24 f. 16; 17:

Thunfeldianum

"var. Jacobi, Cl. 1897 p. 23-24 f. 8

ELONGATA, Bailey N.S.p.3, f10, II; Prit. p.772; Grn. 1362p.353-3f22; R.
E.D.p.299; Grn. 1363p.5; Breb. Vern. p.9; Fortm. Cey. p.54; Cl. 1373p.14;
Veg. p.503; Parag. p.73; Villef. p.63; Woll. pl. 43f32, 33; Malaisie;
Det. Syll. p.739; (C. frauenfeldii & ramosa.) ----
FRAUENFELDII, Grn. 1362p.353; (C. elongata.) --
INDICA, Hitzsch. 1362p.13-5f1; R.E.D.p.299; Malaisie; (C. Australis.) -
LINEARIS, Jan. & R. p.6-2f2; R.E.D.p.299; Fortm. Cey. p.54; Malaisie;
(Climaconeis Lorenzii.) -

MAXIMA, Rab. - Haw. Vol. I. p.103-13f1; R.E.D.p.299; Det. S. p.741;
MDILIGERA, E. - Amer. pl. 2-6f1; K.B.p.123-29f30; K.S.A.p.114; Bailey &
M. p.1.9f14; Prit. p.772; 11f45, 46; Grn. 1363p.139-14f17; 1363p.5; Jan. &
R. p.3-2f1; M.D. p.1.19f9; R.E.D.p.299; Breb. Vern. p.9, f11; Pet. Cat. p.
33; M.T.P. I-2-II; Sm. Sp. T. 63I; Cl. & M. 12I; Parag. p.73; Villef. p.63;
Woll. pl. 29f7, 8; Malaisie; Part. 21.57; Det. Syll. p.740;
(C. coccinea; -Echinella flabellata.) -

v. Hungarica, Part. 21.57-30f423; Det. S. p.740;

RAMOSA, Bailey N.S.p.3;

(C. elongata.) ----

COCCINEIS. ---- (Ehrh. 1835) -

--, Merz. A.N. p.405; - *Atlas 189f24-26*; Pfitzer p.1.47; *Atlas 197f12*.
--, Tatarica 1379p.49; - *Atlas 195f8*; ----, A.N. 4135p.1.
--, E. - Mik. p.1s.7-3b, f5; *Atlas 196f2, 30*; ----, 7-413; - *Atlas 192f5, 13-15, 27, 56, 64*.
--, Williamson p.50-1f23, 24; ----, A.S.S. 1342p.101-2f34;
--, A. Schrn. A. C. p.1s. 1f27; - *Atlas 194f16, 21, 22*; ----, 5f13b; - *Atlas 193f13, 19, 20, 28, 38, 39, 56*.
--, Witt 1333p.15-4f12, 21, 22; - *Atlas 190f27, 44-46*; - *191f4, 10, 12, 21, 35, 38, 23-26, 47, 50*.
ACUTA, E. - Mik. p.60; Det. Syll. p.463;

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(C. oblonga & ?) --

ADRIATICA, K.B. p.73-5f3(2, 9); K.S.A.p.53; Breb. D. C. p.14; Italy;

Prit. p.369; R.D.E.R. No.7; Petit Cat. p.12; Sm. Sp. T. 632;

(C. scutellum, v. - C. mediterranea.) -

AGGREGATA, K.B. p.72-5f3(5); K.S.A.p.51; Prit. p.363; R.E.D.p.101;

(C. consociata, nigricans & scutellum, v. *parva*.)

AMBIGUA, Grn. 1363p.14-1f9; Woll. pl. 63f35, 36; Det. Syll. p.457;

(C. California & Mexicana.) - *Grevillea Vol. 1 p. 30-2f9*;

v. Gradowii, Det. Syll. p.451;

(C. ambigua.) ---

v. Montereyi, Grn. - Cl. & M. 164 sub; Det. S. p.453;

AMERICANA, Amer. p.123; Mg. 1356p.63; K.B.p.73; K.S.A.p.53; R.S.D.p.

27; Prit. p.371-12f43; R.E.D.p.105; Woll. pl. 33f32;

(C. Mexicana.) --

AMPHICEROS, E. - *Moh.* 3. 1340. 206; Amer. p.127; (Doryphora; -Raphonosis.)

AMYGDALINA, Breb. - V. A. S. p.1.30f5, *forma minor*; §35 = *forma major*;

ANDESITICA, Part. 21.57-31. - 10f170; Det. S. p.450; - (C. ocellus-easis.) ---

ANGUSTA, E. - Mik. p.172; Det. S. p.464;

ANTIOUA, Brit. & T. p.32-3f5; Det. S. p.453; *Atlas 191f38, 39, 49-52, 194f23*;

ARCTICA, Cl. 1373p.14-2f11; Nares: 1360p.13; Veg. p.450-35f4a, b;

Det. Syll. p.459; - (C. olivacea v. *cl. nov. 2p. 176*;

(C. inflexa.) -

ARCUS, Bailey Coll.;

(Campylorhis.) -

ARMATA, Grev. - T.M.S. 1333p.163-11f13; Det. S. p.450; - (C. *antioquia*)

ARRABENSIS, Grev. - M. C. 1359p.30-5f2; Prit. p.369; Cat. p.93;

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Coccones

- , A.S., Atlas 2f12: - (Rhaphoneis?) - atlas 198f8, 33-31.
--, Bn⁴ T. p. 8f7: (C. rubra, var. hirsuta)

> adjuncta, A.S., Atlas 190f15, 16: - (C. scutellum, v. ampl.) -

> acuta, A.S., Atlas 194f18: Cl. Nav. 2p. 196:

> Ahlfeldtii, Jan. - Atlas 190f43:

> aliens, A.S. - Atlas 197f13-15:

ambigua,

" var., Grun 1868p. 14-1f22: Grun. Lea vol 1p. 30-2f22 (non Grun.)

> antiqua, Cl. Nav. 2p. 177:-

" var. foveata, Sp. 18. Atlas 191f44-46; Cl. Nav. 2p.

> apiculatus, A.S. - Atlas 198f31, 32:

> arcta, A.S., Atlas 191f1: Cl. Nav. 2p. 196: (Microseis)

ATLANTICA, E.-Mik. p. 39-319; A.J.S. 1351, f45; Prit. 1.369;

Det. Syll. 1.464;

ATOMUS, Rabh.-Crypt. Flor. Sachs. p. 25; Hoffmann, Marburg;

(Fristulia & Navicula pelliculosa; -Synedra.)

AUSTRALIS, Petit Cat. 1.11-4f2; Haw. 1373p. 125; Det. Syll. 1.443;

J.R.M.S. 1373: 233-14f2; *Atlas 177, 187; Cl. m. 2 p. 113;*

BALTICA, Schum. 1367p. 54-1f13;

BALDOUTKIANA, Grun.-V.H. type No. 545 sub: *Atlas 190f7-10: (C. scutellum, "b".) --*

BARBADENSIS, Grev.-T.M.S. 1364p. 14-2f10; J.Q.C. 1336p. 322; -(Orthoneis.) ----

BEHARENSIS, Pant. 2p. 57-5f90, 94; Det. Syll. 1.444; *Atlas 177, 187; Cl. m. 2 p. 113;*

" v. minor, Pant. 2p. 57-4f75, 76; Det. S. 1.444;

BINOTATA, Grun. 1353p. 145-13f13a; R.E.D. 1.103; Bosc. D.C. 1. : Verm. 1.

9; Sm. S. T. 39: Italy; Perag. 1.53; Malaisie;

" var. *"stauroneiformis*, Grun. 1363p. 145-13f13b; R.E.D. 1.103;

(C. scutellum, "b".)

BBREALIS, E.-Amer. 1.123; M. pls. 5-1f123; 7-1f4; 7 3b, f4; 14f20; 37-3f

2; 33A-17f13; M. 1353p. 33; V.B. 1.73; V.S.A. 1.52; R.S.D. 1.27; Prit. 1.

359; R.E.D. 1.52; Schum. 47. 1. 51-2f21; Woll. 1. 33f13; Det. Syll. 1.462;

(C. Islandica.) ----

BORYANA, Pant. 3p. 7. -2f33; *Atlas 177, 187; Cl. m. 2 p. 113;*

BRAMAPUTRAE, E.-Mik. p. 123; Det. Syll. 1.464;

BRITANNICA, Macg.-K.S.A. 1.390; Prit. 1.372; Carr. 1.97; R.E.D. 1.99;

V. 45. 1. 30f1, 2; Villef. 1.37; Det. S. 1.450; *Atlas 170f40-42; +*

BRUNDUSIACA, Rabh. S.D. p. 23-3f16; Prit. 1.371; R.E.D. p. 101: Italy;

Det. Syll. 1.451;

CALIFORNICA, Grun.-V.H.S. 1. 30f13, 9; Woll. 1. 33f19, 20; Det. S. 1.453;

Pant. 2p. 58-2f132; *Cl. m. 470 sub: (C. scut. var. cat.)* (C. arbigia, *"b"*) --

" forma subcontinua, Grun. 1.46; *V.H.S. pl. 30f10:*

" v. hungarica, Pant. 3p. -10f164; *-(C. scutellum;*

" v. menilitica, Pant. 2p. 58-4f71; 7f123;

CAELATA, Annot.-Petit Cat. 1.12; M.J. 1332p. 234-10f5, 6; R.E.D. 1.103;

V.H. Type No. 244: *Atlas 193f53:* (Navicula; -Campyloneis.) -

CLAVIGERA, O'M.-M.J. 1357p. 243-7f5; Haw. 1367p. 172; Det. S. 1.443; *-(C. Quae.)*

CLYPEUS, E., Inf. p. 195; M. pls. 10-2f21; 13-1f23; *-(C. Campyloneis.) +*

COMMUNIS, Heiberg p. 93; Cl. 1353p. 232; Strose, Kleiken;

(C. pediculus & placentula, *of S.B.P.*

CONCENTRICA, E., Amer. p. 123, pls. 4-3f33; 3-1f31; 3-7f13; V.B. 1.72-23f13;

K.S.A. p. 51; R.S.D. p. 23-3f13; Prit. 1.363; R.E.D. p. 105; *-(C. placentula.)*

CONSOCIATA, V.B. p. 72-5f8(3); K.S.A. p. 51; Prit. 1.359; R.E.D. p. 100;

Sur. Jap. p. 13-2f23; Eiben, 1371; Flogel, Baltic;

(C. aggregata, nigricans, *scutellum, var. parva.*)

CORONATA, Grun.-M.J. 1359p. 179-9f2; Prit. 1.371; R.E.D. p. 105;

Italy: *-(C. Britannica?)* (Orthoneis.)

CORNUTA, Janisch. - *Atlas 197f19:*

COSTATA, Greg.-M.J. 1355p. 39-4f10; 1357p. 33-1f27; S.B.D. 2p. 102; Prit.

p. 371; Jan. Gu. p. 13-1a, f36; Carr. p. 97; R.E.D. p. 104; Cl. 1373p. 15;

Vega p. 460; Nales; Fortm. Cey. p. 10; V.H.S. pl. 30f11, 12; Brun & T. p. 70;

J.Q.C. 1337p. 72; Villef. p. 37; Woll. 1. 33f9, 10; *Atlas 189f6, 7; 190f19;*

(Campyloneis; -C. Pacifica & scutellum; -Raphoneis Archeri.) - *Cl. Nav. 1. 181*

Cl. m. 470 sub: (C. scut. var. cat.)

> Beltmeyer, Jan.-atlas 196 f2, 2, 23; - (C. molestus, v.)

7 *biflexa*, A.S., Atlas 193 f 25: cl. Nov. 2 p. 196: (

biradikta, 2 - uzlas 170f1; cl. 17-18p. 176/176

7 Handicula, A.S., atlas 192 f17; Cl. Nov. 2p, 196:

2. Brittonia, Pl. Texas 1841. (Gen. synonymy Windsor portulaca var.
serotiflora (Pursh) Windsor (Pursh). Brittonia portulaca Windsor.)

1. Campylobacter Chlor. - Atlas 19 of 26. 1947: Nov. 20. 1946.

2 circumcincta, a.s., Atlas 195 f 7-9: -(C. bellincola.)

cineta, as, subs 110 of 28. (C. 44. 2 p. 76) (C. 44. 2 p. 76)

↳ clandestina. a.s., Atlas 192 f 28, 29:

2 separate U.S. Atlas 1907-08. Cl. 500.00. 176.

Citrina, aB. - Atlas 1987 2.8 - 1.1

+ Clypeus, A.B. 1836 p. 130:

Comis. U.S., May 1932: 12. - Comis. U.S.

> composita, ab., atlas 196f 4, 5: - (c. het. var.)

Disconspicua, A.S., Atlas 1967: 27-29: 18. (h. 18)

Tertermina, A.S., Atlas 196f 21: Cl. Nav. p. 196.

- " v. hexagona, Grun.-V.A.S. pl. 30f15-17: *Cl. Nav. 2p. 182*;
 " v. Pacifica, Grun.-V.A.S. pl. 30f13, 14; *Cl. Nav. 2p. 182*; *Orth. 97p. 328*;
 CREBRES TRIATA, Grev.-M.J. 1357p. 9-3f2: Prit. p. 370; R.E.D. p. 105;
 Det. Syll. p. 452; - (*C. scutellum*);
 CRIBROSA, Cleve 1373p. 10: (Ortho *neis*)---
 CRUCIATA, Part. II. 31-13f143; 2, 1.53; Det. Syll. p. 449; *Cl. Nav. 2p. 172*;
 + CRUX, E. ~~Mon.~~ 1344p. 205; V.S.A. p. 53; Prit. p. 357; R.E.D. p. 105; J.
 R. S. 1373p. 245-14f4; Pet. Cat. p. II-1f4; Fortm. Cey. p. II; Det. S. p. 450;
 CURVITURUNCA, Brin & T. p. 32-3f5; Det. Syll. p. 453; - (*C. Lat. var.*)
 (C. pellicular, v.: -C. notabilis.) *Atlas 195f12-16, 19*
 CYCLOPORA, Grun.-Cl. 1330p. 15; Cl. & M. 245; V. I. S. p. 1. 30f24, 25;
 Det. S. p. 459; *Atlas 197f21-24, 28-30*; *Cl. Nav. 2p. 179*; *Orth. 97p. 328*
 DANICA, 415p. 1, 3f11c; *Atlas 195f14*; Lins Vol. 2p. 235-419: (Achmarches. *D.*)
 DECIPIENS, Cleve 1373p. 14-1f6; Nares; 1330p. 16; Vega p. 460; Pet. Cat. p. II: Malaisia; Det. S. p. 450: - (*C. disrupta*, v.; - (*C. Arctica*.)---
 DECUSSATA, E. ~~Arct.~~ 1. 123, pl. 2-6f12; K.B. p. 73-20f17; V.S.A. p. 53; R.S.
 p. 26-3f5; Prit. p. 371; R.E.D. p. 105; Woll. p. 1. 33f3f; Det. S. p. 452;
 DENTICULATA, Fortm. Cey. p. II-1f2; Det. Syll. p. 443; - (*C. pinnata*)
 GETONIANA, Part. 3p. -34f132: (C. *victa*.)----
 DEPRESSA, K.B. p. 72-5f3(2); V.S.A. p. 51; R.S.D. p. 27; Prit. p. 353:
 (C. *salina*, v.)-
 DIAPHANA, S.B.D. II. 22-30f254; Prit. p. 357; Breb. D.C. p. 14; Verm. p. 9-
 1f13; Carr. p. 97; Roger, Thoms; R.E.D. p. 100; Mill: Lanzi, 1373: Det.
 Syll. p. 459; Pet. Cat. p. 12; Fortm. Cey. p. 3; Perag. p. 53;
 (C. *disrupta*, v.: -C. *longa* & *longata*: *C. molesta*, var. *di.*)
 " var. "b" stauroneiformis, S.B.D. II. 22-30f254b; Prit. p. 357: (*C. disrupta*, v.)
 " v. cruciata, Breb. D.C. p. 14; - (*C. molesta*, var. *cr.*)
 " v. Rabh. L.D. p. 100:
 " v. stauronida, Breb. Verm. p. 9:
 DIROPTA, Grev. D.C. p. 19-1f25; Prit. p. 355; Breb. D.C. p. 13; Jan. Gr. p. 19-
 2b, 1f4; Carr. p. 97; Grun. 1333p. 14; M.T. P. 2-4-16; Pet. Cat. p. II; V.A.S.
 p. 133-20f13-15; T. 247; Cl. Vega p. 450; Sm. Sp. T. 333; Grun & T. p. 70;
 Perag. p. 53; Villef. p. 37; Woll. p. 1. 33f15, 16; 34f11; Det. S. p. 453;
 (C. *fasciata*, *lirbata* & *Oceanica*.) - *Atlas 197f21-24, 28-30*; *198f17-19*.
 " v. Antarctica, Grun.-V.A.S. pl. 29f13, 19: *Cl. Nav. 2p. 175*; = v. *major*.
 " v. dubia, Grun. 1333p. 14; Det. Syll. p. 453; *Cl. Nav. 2p. 175*;
 (C. *acutata*, *oblonga* & *pygmaea*.)--
 + " v. flexella, Grun.-V.A.S. pl. 29f16, 17; Vega p. 495; Villef. p. 37; +
 " v. genuina, Grun. 1333p. 14; Det. S. p. 453;
 (C. *diaphana*, "b": -C. *niatilans* & *inailata*.)--
 " v. major, Grun. 1333p. 14; Det. S. p. 453; - (var. *antarctica*)
 " v. minor, A. Schr. N.D. p. -3f21: - (*C. disrupta*)
 DISCIFORMIS, E. ~~Nik.~~ p. 14; Det. Syll. p. 463;
 + DISCULUS, Schum.-Cl. & M. p. 129; Det. S. p. 451; *Atlas 192f19*; - (*Navicula*.)----
 + DISANS, Grev. D.C. p. 15-1f20; M.J. 1355p. 38-49; 1357p. 37-1f25; S.B.D.
 p. 2p. 102; Prit. p. 370-7f33; Carr. p. 98; R.E.D. p. 104; Cl. 1333p. 23f; Vega
 p. 460; Nares; Schum. N.D. p. -3f22, 23; Pet. Cat. p. 13; Fortm. Cey. p. 9;
 Sm. Sp. T. 70; Villef. p. 37; *Atlas 193f19, 36, 37*; + (C. *scutellum*, v.)
 " var. *A.S.*, *Atlas 193f29-33, 35, 40*:

+ costata,

" v. trifida (C. Pfeiffer, Leopoldia, Trinidad, Costata, Trinidad)
" var. W.S. Atlas 187f 8: - C. R. ...

" Reginaldiana, Bonn. - Atlas 189f 9: -
" (C. Kerg.; - C. Estuaguna; - C. Reginald) -
" forma maxima, Bonn. - Atlas 189f 10, 11;

+ Coux (C. interrupta).

+ curvisetunda,

" var. bifrons, A.S., Atlas 195f 12, 13;

" " Ervei, A.S., Atlas 195f 10, 11;

cyclophora,

" v. Californica, Bn. - ? - (= var. Kerqueles ...)

" v. Challengeri, Cl. Nav. 2p. 176;

" " decora, A.S. - Atlas 198f 1-3;

> dehiscens, A.S. - Atlas 197f 56;

diaphana, v. amygdalina, Bn. 6. M.S. - (C. amygd., forma minor);

+ disrupta, Cl. Nav. 2p. 175: - (C. diaphana, pp.)

" var. W.S. Atlas 191f 55, 196f 7; - C. Nav. 2p. 175;

" v. Africana, Bonn. - Atlas 193f 49-5;

" var. decipiens, Cl. Nav. 2p. 175: - (C. decipiens, rectr. 1897 n. 118);

" v. Californica, Cl. Atlas 196f 16-18; - Cl. Nav. 2p. 175;

" v. Sigma, B-t. - Cl. Nav. 2p. 176: - (C. Sigma, rectr. 1897 n. 118);

+ " v. flexella, Cl. Nav. 2p. 175: - (C. flex.)

1 " v. sparsi-radiata, Bn. - Cl. Nav. 2p. 176: - (C. sp.-rad.)

> discrepans, A.S., Atlas 193f 26, 27: Cl. Nav. 2p. 196;

> disper., A.S., Atlas 193f 41: Cl. Nav. 2p. 196;

+ distans, (C. granulifera, pp.) Cl. Nav. 2p. 172: - A.S., Atlas 193f 22;

- " v.minima, Peragallo, Villef.p.37; - (C. distans) -
- > " v.praemorsa, Grev. - R.E.D.p.104;
- > DUBRAVICENSIS, Pant.3p. -36f509: 1863p.397:
- ELEGANS, Ardisson. - Alg. Sicil. No.10; Not.1836p.137; Det.Syll.1.444:
- ELONGATA, E. - Amer.1.123; M.1.15.5-3f26; 7-3b,f3; 3-3f13; 9-214; 14f
3I; K.B.p.73; K.S.A.p.52: Prit.p.367: Woll. pl.33f37;
- (C.placentula, var., & diaphana.) ---
- EMMERICII, Danisch. - atlas 197f7-10: (C.heteroidea, v.) ---
- EUGLYPTA, E. - Mik. pls. 34-3a, f2; 1856p.53; Prit.1.363;
- R.E.D.p.105: (C.lineata, v.) - C.placentula, v.)
- EXARATA, Grun. Mss.: atlas 193f5: (C.ellipsoidea, minor.) -
- EXCENTRICA, Cornier. - M.J.1853p.25-3f11; Prit.p.371-7f40; Carr.1.93; R.
E.D.p.104; Sm.Sp.1.71; Italy; Shark River; atlas 193f57 - (Anorthoneis.) +
- FASCIATA, E. - Amer.1.123, 11.1-3f15; K.B.p.72-23f14; K.S.A.p.52; R.S.
C.1.23-3f7; Prit.1.363; R.E.D.p.105: (C.dinipeta, v.) -
- > FENESTRATA, Grev. - M.J.1857p.9-314;
- > FIMBRIATA, Btw. - M.J.1853p.179-9f3; E., Abh. Ber.1853p.13; 1872p.11f26;
Rab. Alg.1041 sub; Prit.p.373; Jan. & R.p.7-1f17; Breb. Verm. p.9; R.E.
D.p.103: Malaisie: (Mastogloia; -Orthonoeis.) -
- FIMBRIATA, Grun. - Cleve 1860p.15-1f1; Vaga p.400; Nares;
Det. Syll. p.460: Cl. Nav. 2.p.174:
- FINNICA, E. - Inf.1.194: Amer.1.15.3-7f15; 4-1f9; 11.1.15.2-2f20; 2-3f17;
4-2f15; 5-3f25; 7-3b,f3; 17-2f19; 33-12f12; 35A-2a,f9; 39-2f10; Mull:
Abh. Ber. 3670p.1.2-1f44; K.B.p.72-23f13; K.S.A.p.52: Prit. pp.370, 933-
12f41; Heaw. Vol.1p.103-13f3; Weisse 1864p.107-1f3; Nylander, w.: R.
E.D.p.105; Italy; Villef.p.37; Woll. pl.33f33; Det. S.p.462:
(Diploneis; -Navicula elliptica & ovalis.) ---
- " var. "b" major, Prit.p.370:
- FLEXELLA, Jan. & R.p.7-1f11; Mull: Breb. Verm. p.9: R.E.D.p.105:
Malaisie: Cl. Nav. p.177: - (C.dinipeta, v.) - (C.heteroidea) - (C. hirsuta)
- FLOREOSA, Grun, 1891p.15-13f6: Pant.3p.12. -32f45; atlas 193f42-47: +
- FULGUR, Grun, 1891p.17-13f3: atlas 193f20, 21: (C. lineolata, v.)
- GEMMATA, E. - Mik. pl.37-2f1; Abh. Ber.1842p.265; 1870p.23, 53; Prit.1.
363; R.E.D.p.105; Woll. pl.5f7: Det. Syll. p.449;
- " v.menellica, Pant.2p.53-4f71; 7f123; Det. S.p.449;
- GEMMIFERA, E. - Abh. Ber.1854p.313: Det. S.p.464;
- GIBBOCALYX, Grun, 1891p.17-13f4; atlas 193f58, 55 Cl. Nav. 2p.172
- GLACIALIS, Cl.1873p.14-3f12; Nares: (Navicula.) ---
- > GLANS, E. - Mik. p.311:
- GRANTIANA, Grev. - T.M.S.1861p.72-2f13; Carr.1.93; R.E.D.p.106;
Det. Syll. p.461;
- GRANULATA, Grun. - Cl. & M.273: (C.Grevillei, v.) ---
- GRANULIFERA, Grev. - T.M.S.1861p.72-3f19; Carr.1.93; R.E.D.p.106;
Det. Syll. p.461: atlas 193f34: Cl. Nav. p.168-12f26, 371 - (C. grantiana)
- > GREVILLEI, S.B.C.11.22-3f55; Quak. H.C.11.12f19; Grev. S.C.1.13; R. Alg.
393; Bailey Coll.: Br. Verm. p.9, f12; Prit. p.370; Ent. Sp.1.24: R.E.D.
1.102: R.D. Ex.19; Carr.1.93; Jan. Gu.1.13-2a, f10; Italy; Sm. Sp.1.72:
Cl.1873p.10: Perag. p.53; Woll. pls.33f3; 34f3-10: (Campyloneis.) --
- " var., Grun.1862p.1.4f32: (C.granulata.) -

> divisa, A.S. - atlas 198 f 14:

> duplex, A.S., atlas 194 f 1; - (C. pseud... ..)

> egena, A.S., atlas 193 f 24: Cl. Nav. 2 p. 196:

+ eximica, A.S., atlas 192 f 1; - (C.)

> eximia, A.S., atlas 192 f 1; - (C.)

> exoptata, A.S., atlas 190 f 31; - (C. costata, v. Imp)

> extravagans, Jan. - atlas 189 f 28-32: - (C. costata, v. K. 7)

> fulgens, A.S., atlas 193 f 8; - (C.)
Cl. Nav. 2 p. 196.

> fulgens, A.S., atlas 193 f 8; - (C.)

> fulgens, A.S., atlas 197 f 4:

- formosa, Cl. Nav. 2 p. 180:

> fraterna, A.S., atlas 189 f 27; - (C.)

> glacialis, A.S., atlas 189 f 22; - (C.)

> grata, A.S., atlas 192 f 65; - (C.)

- GRÖENLANDICA, E.-Nord.p. 2I-3fI; Det.Syll.p.464;
 GRUNOWII, Pant.2p.53-25f364; Det.Syll.p.447; -(C. Scutellum:
 HARADAAE, Pant.3p. -24f363; -(C. Scut. v. Baldp.)-
 HARIOII, Pet., Cap Horn p.107-10f7; Not.1331.617; Det.S.p.453; -(C. ^{hansd.} ~~mar.~~)
 HELVETICA, Braun Alp p.32-3f27; Kinnora; Det.S.p.444:
 HELIROIDEA, Hantzsch 1363p.2I-3f10; Grm.1363p.12; Breb.Verm.1.9: R.
 E.C.1.103; Sr.Sp.1.73; Pet.Cat.1.10; Vega 11.493,504; M.T.P.2-4-10:
 Malaisie; Det.S.p.453; *Atlas 1954, 5: Cl. hav. 2* (C. flexella & Japonica.)-
 " v. conspicua, G.S. - Cl. hav. 2 p.179. (C. cons.)
 " v. bimaculata, Jar. - Sm. Sp. 1.33; -(Cocc. ERM.) *var. curvirostrata, Br. Sp. - Cl. hav. 2 p.179.*
 " v. Sigmodonta, Grm. - Cl. & M. 199; Det.S.p.453; *(C. rot. v. compacta)*
 " v. Japonica, Grm. - Cl. & M. 199; Det.S.p.453;
 HYPERBOREA, E.-Abh. Ber. 1353p.523; Mg.pl.35A-23f4; Nord.p. -3f2;
 Prit.p.369; R.E.D.p.105; Det.S.p.464:
 INCONSPICUA, Grv.-M.S.1357p.9-3f3; Prit.p.370; Italy; R.E.D.p.105;
 Det.S.p.463;
 INDICA, E.-Mik.p.121; Det.Syll.p.464;
 INTERMEDIA, Perag. & Her.-Herib.p.44-3fI, 2: -(C. placent. var.)
 " forma minor, Per. & Her.-Herib.p.44: -(C. " var.)
 INTERRUPTA, Grm. 1363p.144-13f14; 1363p.14; R.E.C.p.105; Malaisie;
 + V.H.S. 11.30f3,4; Wille pl.33f5, II; Det.S.p.453; *Atlas 1945f7: +*
 ISLANDICA, E.-Abh. Ber. 134Ip.411; Det.S.p.464: (C. borealis.)--
 + JAPONICA, Grm. - Cl. & M. No. 109: *Atlas 190f30:* (C. heterodonta, v.)-
 JAPONICA, Pant.3p. -42f532;
 JONICA, Rabh.-Noter.1331.137;
 JIMBOI, Pant.3p.7. -2f24;
 KERGUELENSIS, Petit, Cap Horn p.115-10f5; Not.1331.617;
 Det.S.p.443; -(C. Costata v. K.)
 KINKERI, Pant.3p.7. -2f23; *Atlas 1913f1* (anorthoneis)
 KIRCHENPAUERIANA, Jan. & R.p.7-1f9; R.E.C.p.103: -(C. pseudomarginata, v.
 KUTZINGII, Breb.-K.S.A.p.50: (C. pediculus.)--
 LAMPROSTICTA, Greg.-T.M.S.1357p.39-1f23; Prit.p.370; Carr.p.93:
 R.E.D.p.101; Det.S.p.462; -(C. distans:--
 LEPTOCERAS, E.-Amer.p.123; Mg.pl.13f23; K.B.p.74;
 Det.S.p.464; (Raphoneis.)-
 LIMBATA, E.-Mon. Ber. 134Ip.211; 134Ip.11; Mg.pl.14f42; K.B.1.72-5f9(3):
 + K.S.A.p.51; R.S.D.p.27-3f14; Prit.p.363; Neup. Asatag.1.192-2f40; R.
 E.D.1.99: Italy: (Anphora Szaboi: -C. anaphora, limbata & nicilans.)-
 LINEATA, E.-Ann. p.31; Mg.pl.13.1-1f126; 3-1f40a, b; 7-1f12a, b; 3-1f17;
 14f14p; 15A, f53, 54; 9-1f47; 33-3f1; 33-11f1; 33-1f2; 37-1f3; 37-2f2;
 33A-14f5; 39-2f11; Abh. Ber. 1361p.1s.1a, f3; 1b, f2; 1970p.1.2-1f47; A.
 J.S. 1361, f44; Weiss 1351p.273-1f12; Prit.p.363; Carr.p.97; Pet.Cat.
 p.11: V.H.S. 11.30f31, 32; T.No.250; Wille pls.33f6, 7; 34f4; Herib.p.
 44: Lake Michigan: *Atlas 192f35:* (C. pellicula & placentalis, var.)
 " forma minor, Herib. & Br.-Herib.p.46;
 " var. "b" Brasiliensis, E.-Mik.p.309:
 " v. euglypta, Grm. 1364p.45-1f3; V.H.S. pl.30f33, 34;
 Herib.p.46: (Coccensis eug.)
 " v. minor, Pant.3p. -2f311: -(C. plac. v. lim.)-
 " v. pygmaea, Pant.3p. -8f140; -(C. plac. v. lim.)

- LONGA, E. - Amer. p. 123; Mg. pl. 5-If25; K.B. p. 73; K.S.A. p. 52; R.S.D. p. 27; Prit. p. 337; (C. placentula, v., & diaphana.) -
- LORENZIANUS, Perag. - Villefranche p. 37-5f33; - (C. pinnata.)
- LUNATA, Fortm. Cey. p. II-If3; Det. Syll. p. 453; - (C. *het.*)
- LUNYACKSEKII, Pant. 3p. - 4If564; - (C. *pelluc.* v. *Stank.*)
- LYRA, A. Schm. N.D. p. 93-If19; Det. S. p. 449; *Atlas 191f18-20: Cl. Nav. 2p. 180: +*
- MAJOR, Greg. D.C. p. 20-If23; Breb. D.C. p. 13; Verm. p. 9; Prit. p. 369; R. E.D. p. 101; Carr. p. 97; Cl. 1333p. 232; Petit Cat. p. 12; Italy; Sm. Sp. 7. 74: A.J.M. 1377p. 102; Perag. p. 53; (C. diaphana & *pseudo-marginata.*) ---
- MARGARITIFERA, E. - Abh. Ber. 1343p. 256; Prit. p. 371; R.E.D. p. 105; Det. Syll. p. 461;
- MARGINATA, K.B. p. 73-5f3(1); K.S.A. p. 52; Rath. Alg. 1041; Prit. p. 363; R.E.D. p. 100; Pet. Cat. p. 12; Italy; Wolle pl. 33f33; Det. S. p. 461; (C. scutellum, v.) ---
- MEDITERRANEA, K.B. p. 73-5f3(6); K.S.A. p. 53; Prit. p. 369; R.E.D. p. 100; Breb. Verm. p. 9; Pet. Cat. p. 12; Fortm. Cey. p. 9; Italy; Lanzi 1376p. : (C. scutellum, var., & Adriatica.) *Adriatica 1863p. 397.*
- MEXICANA, E. - Amer. p. 123, pl. 3-5f7; K.B. p. 73-23f16; K.S.A. p. 53; R.S.D. p. 27-3fII; Det. S. p. 461; (C. Americana.) ---
- MINOR, Rath. S.D. p. 27; Ebert, Cassell; Hoffmann, Marburg: - (C. pediculus, v.)
- MOLESTIA, K.B. p. 71-5f7(1, 2); K.S.A. p. 50; Prit. p. 337; R.E.D. p. 100; A. Schm. N.D. p. -3f20; *Cl. Nav. 2p. 174: ---* Det. Syll. p. 459; Merib. p. 46; Malaisie:
- v. crucifera, Grun. - V.H.S. pl. 30f20-23; - (major et minor.) *Cl. Nav. 2p. 174:*
- MONTREYI, Grun. - Cl. & M. No. 164; (C. ambigua, v.) -
- MORMONORUM, E. - Abh. Ber. 1370p. 53, pl. 2-If45; Wolle pl. 37f23; Det. Syll. p. 449;
- MORRISII, W.S. - Greg. D.C. p. 70; Breb. D.C. p. 22; Prit. p. 372; Carr. p. 93; R.E.D. p. 103; Det. Syll. p. 462; - (C. *scut.* v. *Baldy.* 3 --- C. Morrissiana.) ---
- NAVICULA, E. *Mon.* Ber. 1340p. 12; K.B. p. 74; K.S.A. p. 53; Prit. p. 372; Det. S. p. 461;
- NAVICULARIS, E. - Mik. p. 6; Prit. p. 372; Det. S. p. 463;
- NAVICULOIDES, Grev. - T.M.S. 1335p. 34-4f24; J.Q.C. 1337p. 72; Det. S. p. 446; +
- NEOGRADENSIS, Pant. Ip. 31-13fIII; 2, p. 53; Notar. 1333p. 463; Det. S. p. 447; (*Nov. nevq.*)
- NIDULANS, *Cl.* B. p. 72-4f16; K.S.A. p. 51; Prit. p. 367; R.E.D. p. 100; Det. Syll. p. 460; Hoffmann, Marburg; (Frustulia.)
- NIDULANS, Lobarz. - Linnea 1340p. 275-5f4; Mathieu: (C. dirupta & limbata.) ---
- NIGRICANS, K.B. p. 72-5f3(3); K.S.A. p. 51; Prit. p. 369; Italy; R.E.D. p. 102; Wolle pl. 33f37; (C. aggregata, consociata, scutellum.) -
- var. "b", denudata, K.B. p. 72-5f10(3); K.S.A. p. 51; Prit. p. 369; Italy; (C. nigricans.) ---
- NINGPOENSIS, Petit, Nimrod p. 6-3fI; Det. S. p. 443; - (C. *vit-tanica.*)
- NIPTA, Greg. D.C. p. 20-If23; Prit. p. 371; Carr. p. 93; R.E.D. p. 103; Fortm. Cey. p. 10; Brun & T. p. 70; Wolle pl. 34f3, 5; (Raphoneis Liburnica.) -

+ Quercus, {C. brunifolia,

7 Cyrtopogon Michx. Det. Sylph 1862

Magnificat, Jan. - Dec 1893.

minute, il. flav. p. 111. [C.] — *Fl. Ind. Arch. Ind. P.*

var. *alpestris*. Br. cl. Nov. 2 p. 100. (2, 1, 1)

11 var. *alpestris*, Bn. - cl. Nav. 2 p. 180! - (Ach. *plex*, p.p.) -

molesta,

" unconjugated - Bacterioides 1935 1938-51200 1940 1941 1942 1943 1944 1945 1946 1947 1948 1949 1950 1951 1952 1953 1954 1955 1956 1957 1958 1959 1960 1961 1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100 2101 2102 2103 2104 2105 2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 2222 2223 2224 2225 2226 2227 2228 2229 2230 2231 2232 2233 2234 2235 2236 2237 2238 2239 2240 2241 2242 2243 2244 2245 2246 2247 2248 2249 2250 2251 2252 2253 2254 2255 2256 2257 2258 2259 2260 2261 2262 2263 2264 2265 2266 2267 2268 2269 2270 2271 2272 2273 2274 2275 2276 2277 2278 2279 2280 2281 2282 2283 2284 2285 2286 2287 2288 2289 2290 2291 2292 2293 2294 2295 2296 2297 2298 2299 2300 2301 2302 2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346 2347 2348 2349 2350 2351 2352 2353 2354 2355 2356 2357 2358 2359 2360 2361 2362 2363 2364 2365 2366 2367 2368 2369 2370 2371 2372 2373 2374 2375 2376 2377 2378 2379 2380 2381 2382 2383 2384 2385 2386 2387 2388 2389 2390 2391 2392 2393 2394 2395 2396 2397 2398 2399 2400 2401 2402 2403 2404 2405 2406 2407 2408 2409 2410 2411 2412 2413 2414 2415 2416 2417 2418 2419 2420 2421 2422 2423 2424 2425 2426 2427 2428 2429 2430 2431 2432 2433 2434 2435 2436 2437 2438 2439 2440 2441 2442 2443 2444 2445 2446 2447 2448 2449 2450 2451 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462 2463 2464 2465 2466 2467 2468 2469 2470 2471 2472 2473 2474 2475 2476 2477 2478 2479 2480 2481 2482 2483 2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494 2495 2496 2497 2498 2499 2500 2501 2502 2503 2504 2505 2506 2507 2508 2509 2510 2511 2512 2513 2514 2515 2516 2517 2518 2519 2520 2521 2522 2523 2524 2525 2526 2527 2528 2529 2530 2531 2532 2533 2534 2535 2536 2537 2538 2539 2540 2541 2542 2543 2544 2545 2546 2547 2548 2549 2550 2551 2552 2553 2554 2555 2556 2557 2558 2559 2560 2561 2562 2563 2564 2565 2566 2567 2568 2569 2570 2571 2572 2573 2574 2575 2576 2577 2578 2579 2580 2581 2582 2583 2584 2585 2586 2587 2588 2589 2590 2591 2592 2593 2594 2595 2596 2597 2598 2599 2600 2601 2602 2603 2604 2605 2606 2607 2608 2609 2610 2611 2612 2613 2614 2615 2616 2617 2618 2619 2620 2621 2622 2623 2624 2625 2626 2627 2628 2629 2630 2631 2632 2633 2634 2635 2636 2637 2638 2639 2640 2641 2642 2643 2644 2645 2646 2647 2648 2649 2650 2651 2652 2653 2654 2655 2656 2657 2658 2659 2660 2661 2662 2663 2664 2665 2666 2667 2668 2669 2670 2671 2672 2673 2674 2675 2676 2677 2678 2679 2680 2681 2682 2683 2684 2685 2686 2687 2688 2689 2690 2691 2692 2693 2694 2695 2696 2697 2698 2699 2700 2701 2702 2703 2704 2705 2706 2707 2708 2709 2710 2711 2712 2713 2714 2715 2716 2717 2718 2719 2720 2721 2722 2723 2724 2725 2726 2727 2728 2729 2730 2731 2732 2733 2734 2735 2736 2737 2738 2739 2740 2741 2742 2743 2744 2745 2746 2747 2748 2749 2750 2

"forma angusta, h. - V.H.S. pl. 3 of 18, 19

S. melanocaudus, A.S., Atlas 1911f9: Pl. Xaveria 27.

naucinioides, (Mastig. 1844)

- NODULIFER, Grove & Start. - J.Q.C. 1337p. 131-10f5; DeT. Syll. p. 449;
 NORVEGICA, Gr. - Cl. M. 1878 #102; - (C. Lyra.)
 NOTABILIS, Pant. 3p. - 35f492; - (C. pellucida?) - (C. rotundata.) -
 NOTATA, Petit Cat. p. 10-4f1; J.R.M.S. 1373p. 233-14f1; DeT. S. p. 443;
 Hdw. 1373p. 125; Cl. Nav. 2p. 176;
 OBLONGA, W.B. p. 72-5f3(7); W.S.A. p. 51; E.M. 1353p. 33; Prit. p. 333; R.
 E.D. p. 105; Wille pl. 33f34; (C. acutata & diapha.) ---
 OCEANICA, E. - Abh. Ber. 1340p. 35; Amer. pls. 1-1f14; 2-3f11, 12; W.B. p. 72-
 5f5(8); 3f4; W.S.A. p. 54; Prit. p. 333-12f42; N. & R. S. p. 35; Sm. Sp. 1.
 75; Wille pl. 33f35; - (C. pellucida, p. p.) - (C. diapha & placental.) -
 + OCULUS-CALIS, Brin, 1391p. 18-13f5; Atlas 195f2-24; - (C. Andessitica.) -
 ORNATA, Greg. D.C. p. 19-1f24; Prit. p. 370; Carr. p. 93; R.E.D. p. 102; Jan.
 & R. p. 7-1f15; DeT. S. p. 442; - (C. Scutellum)
 + PACIFICA, Grin. 1333p. 11-1f10; O.M. Verg. : Pet. Cat. p. 12; Sr. Sp. 1. 334;
 DeT. S. p. 442; Atlas 197f23; (C. costata; - Rhapsoneis Archeri.) ---
 PATAVINA, Meneghini. - W.S.A. p. 50; (C. pediculus.) -
 PARADOXA, E. - Mik. pl. 9-2f5; Prit. p. 375; DeT. S. p. 434;
 PARMULA, Bailey & Harv. p. 131-9f23; Prit. p. 370; R.E.D. p. 105;
 (Campyloneis Grevillii.)
 PEDICULUS, E. - Inf. p. 194-2f11; Mg. pl. 34-12b, f1; W.B. p. 71-5f9(1); W.
 S.A. p. 50; R.S.D. p. 27-3f1; Brachar: R. Alg. No. 367; S.B.D. 11. 21-3f31;
 Front.: A.M.N.H. 1353p. 1f1-12; Marissal; Desmazières 2, No. 103; Prit.
 p. 337; R.E.D. p. 93, f25; M.D. pl. 12f17; Pfitzer p. 37-5f3; Borscow pl.
 1f13; 2f5, 6; Italy; New Zealand; Hill; Carr. p. 97; Grin. 1333p. 14; 1373
 p. 5; Kerpauer p. 139-1f16; Ent. Sp. 1. 22; Schum. H.T. p. 30; Nylander, W.:
 Prollius pp. 59, 103-2f7; Petit & Leud.; liste p. 13; Class. f1; Delogne;
 T.M.S. 1377p. 137f1; Macdonald pl. 10f17; M.T. p. 2-4-15; Sm. Sp. 1. 73; V.
 1. S. p. 133-30f23-30; T. Nos. 243, 249; Socotra; Brin Alp p. 31-3f22; Cl.
 1391p. 51; Perag. p. 53; Trien 1333p. 14f27; Lake Michigan; Gallik, Papua;
 Belloc, Lichon; De Toni, Port.; Ebert, Cassel; Spaner, Duren; Hoffmann,
 Marburg; Wille pl. 33f21, 27, 33; Pant. 2p. 53-4f35; Herib. p. 43; DeT.
 Syll. p. 452; Atlas 197f53-55, 57-63; 195f1-3; 197f1, 2; - (Amphora; -
 Cymbella; - crust. lens; - C. communis, Kutzingii, Patavina, pumila.) -
 " var. "b" salina, W.B. p. 71-5f3(3); W.S.A. p. 50; Prit. p. 337; - (C. salina.) -
 " var. "g" minor, W.B. p. 71-5f9(3, 4); W.S.A. p. 51; (C. minor.) -
 " v. genuina, Grin. 1333p. 15; DeT. Syll. p. 452;
 " v. rotunda, Br. & Her. - Herib. p. 213;
 " v. salinarum, Pant. 2p. 53-27f393; DeT. Syll. p. 452; Cl. Nav. 164;
 PELLUCIDA, E. - Hantzsch 1332p. 21-3f11; Grin. 1333p. 145-13f6; R.E.D.
 p. 103; Brach. Verh. p. 9; M.T. p. 2-4-19; Pet. Cat. p. 11; Grin. 1333p. 12; Cl.
 1373p. 14; Vela p. 504; Italy; J.Q.C. 1335p. 135; Witt 1333p. 15-4f11;
 Perag. p. 53; Pant. 2p. 53; Malaisia; DeT. Syll. p. 455; Atlas 194f2;
 (C. culvirotunda & pseudomarginata, Occanica, rotunda & tuberculata)
 + " v. fossilis, Pant. 3p. 7, - 32f435; - (var. Nankooensis)
 + " v. minor, Grin. 1333p. 13-1f7; DeT. S. p. 455; Atlas 193f6-8; - (C. exarata & lineata.) ---
 + " v. Nankooensis, Grin. 1333p. 93; DeT. S. p. 455; Atlas 191f48; 194f15 +
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 191f56-57; Cl. Nav. 2p. 176

notabilis, A.S., Atlas 194 f 13, Cl. Nav. 2 p. 177 (C. notabilis, var. 4)

montana, A.S., Atlas 196 f 9, Cl. Nav. 2 p. 177.

orbicularis - Presl, 1852? G. f. 74, 7 (1852) 1851 (C. notabilis, var. 4)

+ oculus-catis - (C. dimpta, var.)

Pacifica, Grevillea vol. 1 p. 30-2 f 10 a-d:

panamensis - A.S., Atlas 189 f 16-21, - (C. notabilis, var. 4)

Pediculus Cl. Nav. p. 169: (C. sigmoides, Tenore descr. 6, Bull. 1781-2)
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pellucida, Cl. Nav. 2 p. 178:

var. β , minor, Grevillea, vol. 1 p. 31-2 f 7 a, b: Cl. Nav. 2 p.

var. γ , sigmoidea, Grevillea vol. 1 p. 31-2 f 8: A.S., Atlas 196 f 9 (C. notabilis, var. 4)

" Frankoorensis (C. notabilis) Cl. Nav. 2 p. 175.

- PERSICA, Rabh. S.D. 1.27-3f5; Prit. p.369; R.E.D. 1.105; Det. Syll. 1.451;
PERPUSILLA, Pant. 2.1.53-1f73; Det. S. 1.447; *Atlas 189f1-5: 190f3, 4; Cl. Nov. 2 p. 194: (Achnanthes?)*
PERUVIANA, K.B. p.73-5f6(7); K.S.A. p.59; Prit. p.369; Jan. Gu. p.16-5f3, 7; R.D. Ex. No. 3; R.E.D. 1.105; (C. scutellum, v.)
PETIOI, Pant. 2.1. -3f504; *(C. scutellum, v.)*
PINNATA, Greg. -M.J. 1359 p.79-3f1; Prit. p.370; Carr. p.93; R.E.D. p.103; V.A.S. 1.1.30f3, 7; Villef. p.37; *Atlas 189f1-5: 190f3, 4; Cl. Nov. 2 p. 194: 3*
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PLACENTULA, E. -Inf. p.194; Amer. pls. 1-1f10; 1-2f24; Mg. pls. 1-1f12 5-1f24; 3-1f13; 9-1f46a-c; 13-1f13a, b; 20-1f52; 33-5f1; 35A-1f13; K.B. 1.73-23f13; K.S.A. 1.52; R.S.D. 1.27-3f5; R. Bac. Ex. 40; R. Alp. 365; S.B.D. 1.1.2f-3f32: Mull; T.M.S. 1354 p.73-3f1; Prit. p.333-7f36; weisse Gu. 1.1.1f13; 1354 p.350-1f16; New Zealand; R.E.D. 1.99; Arenig Bach; Grun. 1353 p.16; 1373 p.5; Amazon; Italy; Guinard 1.3f; Schum. 1.1. p.30; Lanzi, 1373 p.5; Ostia p.3; Mull; Petit & Leud.; Cat. p.15; liste p.13; Nimrod; Lanzi, Tor.; Sm. Sp. T. 77; Dannf. p.14-1f1a-c; M.T.P. 2-6-13, 14; Cl. 133 p.10; Vega p.49f; 139 p.5f; Tanarek 1379 p.49, f27b; Hoffmann, Marburg; Deby Polder p.13; Kinnord; Fortm. Cey. p.10-1f4; Brun Alp p.3f-3f23; V.A.S. 1.133-30f23, 27; Truan 1335 p.1.4f24; Ebert, Cassel; Perag. 1.53; Helloc, Lichen; Gallia, Papan; Woll. 1.1.33f17, 13; Merib. p.44; Det. Syll. 1.454; *Atlas 192f38-44, 46, 47, 49-51; 193f1-4: Oestr. '97 p.327: (C. communis, concentrica, striolata, Reichehlii, producta.*
" forma marina, Rabh. E.D. 1.99: (C. Oceanica, elongata, longa.)
" perpusilla, Rabh. E.D. 1.99:
" v. costata, Brun Alp p.3f:
" v. pinetata, Brun Alp 1.3f: -(C. pinetata, E.)-
" v. lineata, E. -V. A.S. 1.133; Det. Syll. 1.454; *Atlas 191f56: -(C. lineata.)*
PORTII, O.M. -M.J. 1337 p.243-7f7; Det. S. 1.454; -(C. Scutellum.)
PRAECELLENS, Pant. 1.1.3f-3f59; 2, p.53; Det. S. 1.447; *Atlas 196f1; Cl. Nov. 2 p. 197*
PRAETEXTA, E. -Amer. 1.1.3-3f1f; Prit. p.365; Italy; R.E.D. p.105; Det. S. p.464;
PRODUCTA, Clave Vega p.512: -(Achnanthes.)
PSEUDO-MARGINATA, Greg. D.C. p.20-1f27; Prit. p.371-7f39; Carr. p.93; R. E.D. p.104; Italy: Jan. & R. p.7-1f16; Breb. Verm. p.9; Grun. 1353 p.13; A. J.S. 1377 p.102; M.T.P. 2-4-13; Sm. Sp. T. 74; Lagr. 1373 p.56; Malaisie; V. A.S. 1.1.29f20, 2f; Cl. Vega p.460, 504; Perag. p.53; Villef. p.37; Woll. 1.1.33f1, 2; Det. Syll. 1.457; Pant. 2, 1.53; *Atlas 194f5-8, 12: Cl. Nov. 2 p. 178: (C. pellucida & major.) - Gruntha Vol. 1 p. 31-2f6a, b: (C. vitrea sp. p. J. Hewitt*
" v. intermedia, Grun. 1353 p.13-1f6; Pet. Cat. 1.12; J. D.C. 1335 p.322; Det. Syll. p.457; *Atlas 194f19: Cl. Nov. 2 p. 178: (C. Kirchenpaueriana)*
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PUNCTATA, E. -Amer. p.123, 1.1.3-1f29; K.B. p.72-29f30; K.S.A. p.52; R.S. 1.1.27-3f2; Prit. 1.363; R.E.D. 1.105; Schum. 1.1. p.30-2f20; Hoffmann, Marburg; M.T.P. 2-4-17; Ebert, Cassel: (C. placentula, v.)
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PUNCTATISSIMA, Grev.-M.J. 1357p.3-3fI; Prit.p.370; R.E.D.p.106;

Italy: Jan. & R.p.7-IfI4:

(C.splendida; -Mastogloia cribrosa; -Orthonais p. & splendida.)---

PYGMAEA, K.B.p.71-5f6(4); K.S.A.p.50; Prit.p.367; R.D.Ex.No.16; R.E.

D.p.100: Italy: Schum.1364p.19-2fII; Flögel, Baltic: ~~+~~ (C.dirupta, v.)-
QUADRATA, Roper Mss.: (Navicula.)

QUARNERENSIS, A.Schm.N.D.p. -3fI6; Heaw.Vol.15p.3; Lagr.1376p.55:

Villefranche p.35: Vega p.400; Del.Syll.p.451: Atlas 1912 p.20-25
(Pinnularia Altmanniana; -Rhaphoneis.)-- Cl. Nav. 2p.150. (C. clavicornis)

RACIATA, Wigand.-Heaw.Vol.2p.46--C.wigandii:---Grev., T.M.S.1357p.

63-4f26; Prit.p.371; Carr.p.97; R.E.D.p.104; (Campyloneis Grevillei?)

RABANA, Pant.2p.59-24f354; Del.Syll.p.447; -(C.scut. var. R.)

REGALIS, Grev.-M.J.1359p.156-7fI; Prit.p.370; R.E.D.p.106; O'M.Kerg.:
Sr.Sp.T.635; Wolle pls.5fII; 34f6,7; (Campyloneis.)--

" var., Perag., Villef.p.37-2fI2;

REGINA, Johnston.-M.J.1360p.13-IfI2: Prit.p.370; Italy; R.E.D.p.105;

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RHOMBUS, E.-Abh.Ber.1340p.12; K.B.p.73; R.E.D.p.105: (Rhaphoneis.)--

ROBUSTA, Fortm.Cey.p.11-IfI; Del.Syll.p.444: (Nehanthus Lorenziana)

ROPERIANA, (Orthonais binotata.)---

ROUXII, Her. & Br.-Herib.p.45-If3: (C. ~~plac. var.~~ (C. lineata, v.)-

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" forma intermedia, K.-Rabh.E.D.p.99: (C. depressa, K.)

SCUTELLIFORMIS, Grun. in Cl. Br. Nos. 148, 174, 208, 210 - (C. Brittanica.)

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7-3a, f27a, b; 12f21a-c; 15A, f56; 19f33: Nora.p. -3f4; K.B.p.73-5f

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(C. Auristica, costata, pennata, speciosa, transversalis, Japonica, paniformis

" var." b" Stauroniscus S.B.D.Ip.32-30f34b; ostracod 1391p.22: Pet. Cat. p.1359; vide var. St.

" var." g" Roperi -M.J.1353p.24-3f9: Cl. Nav. 2p.170. (C. & Orthonais binotata.) P. Ref. Nov.

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> " var., a.s., atlas 190 f 23, 191 f 15, 191 f 16

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" forma parva, R. H. Spl. 24 f 8, 9; { C. ... }

- v. Balajickiana, Grun.-Obit. 1833p.324; Part.2p.59; Det.Syll.p.446;
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- v. Brasiliensis, Grun.-Piccone, Pisani p.16: Notar. 1836p.255:
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- v. Doljensis, Part. 1p.32-13f131; Notar. 1833p.463; Det.S.p.446; *Cl. Nav. 2p. 171*
- v. fossilis, Part. 2p.59; Det.S.p.446; -(C. ...)
- v. major, Grun. 1863p.12; Det.S.p.445: (Var. Mediterr.)
- v. Mediterranea, Rabh. E.D.p.101; R. Alg. 393; Perag. p.53;
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- v. minuta, Grun. 1863p.12; Det.Syll.p.446; *Atlas 193f 21-23:*
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- v. minutissima, Grun. 1834p.3-1f1; V. A.S. pl. 29f12; *Cl. Nav. 2p. 170:*
- v. orbicularis, Breb. Verm. p.9:
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- SPARSI-RADIATA, Brun, 1891p.13-13f8; -(C. disrupta, f)
- SPECIOSA, Greg. -M.O. 1855p.39-4f3; S.B. 2. 24. 102:
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- var., Herib. p.46-3f3;
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" var. *"b" acutif*, Lagr. 1373p. 41-2f16; - (*Cocconeis* " ")
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> tenella: a. s., atlas 196 f 38: - (C. Let.)

> tatarue, Br. - Les. vol. 2, no. 16 p. 75-6 f 5: (Camp. argus, var.)

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> " var. singalensis, a. s., atlas 196 f 19:

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3-3f14; 4-2f33; 5-1f1; 5-3f27; 5-1f30; 5-2f2I; 9-1f42; 10-2f19; 11-1f8I;
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- BOTELLUM, Lagr.-Cl. & M. No. 59: (*Cymbella variabilis*, v.)--
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+ CISTULA, Emprich, 1323; E. Inf. p. 224-19f7; Mg. pls. 7-3a, f34; 7-3b, f13;
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" v. maculata, K.-Atlas 71f2I, 22; Grun. 1334p. 45-1f3: -(*C. & Cymbella* m.)
" v. Sibirica, Grun.-Cl. 1330p. 25-1f11; -(*Cymbella* c. var. S.)
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 2f23; 15A, f95, 100b; 17f49a, b; 17-2f33; 39-3f15; Nord. p. 2f47;
 (C. Hungaricum: -Cymbella; -Encyonema.)---
 GRAECUM, E.-Abh. Ber. 1840p. 12; K.B. p. 31; K.S.A. p. 60; Prit. p. 373;
 Det. Syll. p. 363: (C. graecum, v.)--
 HELVETICUM, K.-Atlas 7f19; Cl. 1830p. 26; Kinnord: (Cymbella, cf K.)-
 HUNGARICUM, Grun.-Atlas 9f33; 10f13, 17; 70f37, 33;
 Det. Syll. p. 363: Grun., P. p. 363: (C. parvum, p. 1.)
 JAMISCHII, A.S., Atlas 10f34, 35; 7f131; Woll. pl. 3f1: (C. jamischii)
 JAMISCHATICUM, Grun.-Cl. & M. 30; A.S.M. 1873p. 103; 1877p. 131: (Cymbella)
 LAEVE, Naegeli.-Atlas 10f23: (Cymbella.)---
 LANCEOLATUM, E.-Inf. p. 224-19f3; 2. p. 18. 2-3125; 3-1f3; 3-2112; 10-11
 13; 12f32; 13-1f22; 13-2f22; 14f32, 34; 15A, f95; 17-2f12; 35A-7f1; 18-3125
 33A-2a, f10; 39-3f13; Abh. Ber. 1869pls. 10f2; 1" g", f10; 1" i", f15, 3; K.B.
 p. 31-3f3; K.S.A. p. 50; Girardin pl. 10f14; A.S.M. 1847p. 311-2f1" c";
 1857p. 3-1f7; Nass. Alg. p. 426-10f11; R.S.D. p. 25-7f3; Prit. 1852p. 1. 4f195;
 Williamson p. 21-2f25; Mill; Graemar: S. 1. 5. 1. 75-231219; 4f101: M.
 9. pl. 12f19, 20; Prit. p. 377-10f191, 195; 11f132; 11f133; 11f134; 11f135;
 p. 100; Girard Foss. p. 11-2f29; Roper, Thames; New Zealand; Mill: R.E.
 D. p. 33f22b; Marissal; Macdonald pl. 10f21; Nylander, w.: Socotra; Sm.
 Sp. 7. 33; M.T.P. 2-4-19; Atlas 10f3-10: 72f22-25; Tanaka 1879p. 42, f
 20b; Kinnord; Petit & Lend.: liste p. 13; Deby Pol. p. 12; Atlantic
 City; Mobile; Spamer, Duren; A.M.S. 1833p. 1. 4f4, 5; J.R.M.S. 1890p. 425-7f
 3; 1893p. 1-1f3; Bellie, Lichon; Parag. p. 55; Italy: J.R.M.S. 1891p. 441-
 3f1; Woll. pl. 3f1-3, II, 14;
 (C. Bremii & cymbiformis; -Cymbella c. & variabilis; -Gomphonema.)---

+ parram, L^t L. vol. 2, no. 2 p. 172-10 of 1, 2, 4, 6 - 13: # 35:

- " var., H.L.Sm.Sp.7.No.34;
 " var. " , A.S., Atlas IOFI; Petit liste p.13;
 " v.Boeckii, E.-R.E.D.p.33; Perag.p.55: (Doryphora; -Navicula.)--
 " v.cornuta, E.-Rabh.E.D.p.33: (C.cornutum.)--
 LEPTOCERAS, E.-Amer.pls.1-2f30; 2-If33; Mg.pls.2-2f27; 3-3f15;
 3-4f27; 3-2f20; 3-2f13; 9-If45; 12f31; 13-If23; 13-2f24; 15-If41;
 16-2f43; 17-If47; 17-2f33; 33-5f2; 33-3f1; 37-If4; 39-3f13; Nord.
 p. 2f43; (Cymbella.)----
 " var., E., Abh.Ber.134fp.10:
 LUNULA, E.-Amer.pls.1-If15; 1-2f29; 3-If37; 3-4f14; Mg.pls.10-If40;
 10-2f17; 13-2f25; 14f36; 15A,f99; 15B,f37,33; 16-2f41; 19f53; 33-5f3;
 33-7f3; 39-3f13; Abh.Ber.1369pls.1a,f13; 1g,f10; 1" L" f14; 1370pl.3-
 If19; 1371pl.1b,f31; A.J.S.1351,f13; Schum.4.T.p.46,55; 1362p. -
 9f25; (C.eistulum; -Cymbella l.x macilata.)----
 MACULATUM, K.-Atlas IOF3; Grun.1334p.45-If3; Ebert, Cassel:
 (C.eistulum; -Cymbella m.x eistula.)----
 MEXICANUM, E.-Abh.Ber.1344p.342; 1369pls.2-If1; 1a,f5; W.S.A.p.60;
 R.S.D.p.24; Mik.pl.33-7f3,7; Prit.p.373; R.E.D.p.35; Cl.x M.No.97;
 Atlas IOF32,33; 7If32; Wille pl.3f4; Del.S.p.367:
 NANUM, Hantzsch.-Atlas 7If27; Del.S.p.363: *R. Alg. Eur. #1321*.
 (C.gibbum, v.: -Cymbella affinis, v.)
 NAVICULA, E.-Mik.pl.17-2f35: (Cymbella.)---
 + PARVUM, S.B.D.If.76pls.23,24f222; Mull: Prit.p.373-7f47; Italy: R.E.
 D.p.35; Carr.p.100; Mull: Schum.4.T.p.35; Roper, Thames; Sm.Sp.7.37;
 Atlas IOFI4,15; A.J.M.1373p.103; Petit & Leau.; Kinnora; Dannf.p.21;
 Grun.1334p.45-If9; A.M.S.1336pl.1f4; Delogne; Perag.p.55; Wille pl.
 3f3,9: -(C.hungaricum, pachycephala & cymbiforme, v.: -Cymbella.)---
 " var., Cl.x M.No.35;
 SAXONICUM, Rabh.S.D.p.24-IOFII; Prit.p.373: (C.gibbum.)
 SCOTICUM, Brun.-M.T.P.3-2-13: (Cymbella.)-
 STOMATOPHORUM, Grun.-Cl.1330p.23; Cl.x M.33; M.T.P.2-4-21; A.J.M.
 1377p.151: (Cymbella s.x tumida.)
 " var.borealis, Grun.-Cl.1330p.26:
 " v.fossilis, Grun.-Cl.1330p.23:
 " v.genuina, Grun.-Cl.1330p.26:
 " var.gibba, Grun.-Cl.1330p.26:
 STUXBERGII, Cl.1330p.13-If10:
 SUBTILE, E.-Mik.p.103; Del.Syll.p.363:
 TUMIDUM, Bréb.-W.S.A.p.60; R.S.D.p.24; Westendorp, G.: Marissal; Prit.
 p.373; Grun.1333p.13; R.E.D.p.31; Delogne, ...; Wille, ...;
 Perag.p.55: (Cymbella.)
 " v.pachycephala, Rabh.Alg.1107: R.E.D.p.31;
 UNCINATUM, E.-Abh.Ber.1370p.53, pl.2-If23; Del.Syll.p.367;
 UTRICULUS, Beitr.1332p.39; Del.Syll.p.363:
 VARIABILE, Rabh.Alg.Eur.No.1243: *>crancer.*- (Cymbella.)-
 VENTRICOSUM, Hassall Alg.p.427-IOFI4: (C.gibbum.)----

+ acmillaris, Treberthaler Archiv, Vol. 1 p. 139:

> attenuata, Mart. - (Frag. pect., Cg.) ~

> clandestina, Bory, Mem. Mus. i. - (Frag. pect.) - vide Ag. Syst. sub 7. pect. }

> dissiliens, Eng. Bot. pl. 2464: - (Diatoma Smerthii.)

> inflata, Roth. - iq. consp. 65: - (Mel. monil.)

gluculosa, Dill. pl. 288 "C." -

- , Pfitzer p. 50: ---, Tanaruk 13791.33;
 AMERICANUM, K.S.A.p.105; Prit. p. 927; Det. Syll. p. 273: (Nannema.)-
 AMPHIOXYS, K.S.A.p.105; Prit. p. 927-12f55-57; Det. S.p. 273: -(Nannema.)-
 BULLOSUM, Flor.-Mazz.p.1-1f1-5; Det. Syll. p. 273:
 DUBIUM, Gran. 1330p.571-5f13; Haw. Vol. 7, p. 7; Det. S.p. 273:
 EXILE, Gran. 1330p.571-5f13; Haw. Vol. 7, p. 7; Det. Syll. p. 273:
 EXIMIUM, Thwaites. V.S.A.p. 391; R.S.D.p. 51;
 S.B.D. 2p. 69-56f330; Prit. p. 926-3f43; Gran. 1330p.573; Carr. p. 115;
 Hall; O.M.I.D.p. 330; Sm. Sp. 7.33; N. & R.S.p. 71:
 (Encyonema & Gloionema sigmoidum; -Endosigma; -Schizonema; -
 Pleurosigma acuminatum, e., & obtusatum; ~~Depressigma~~
 HIBERNICUM, O.M.-M.O. 1373p.417; Just's Jahresb. Zeit. 1373p.371;
 Det. Syll. p. 273:
 LACINIOSUM, K.S.A.p. 105; R.S.D.p. 51; Prit. p. 926; V. I.S.p. 111: T. 10.
 155; Lake Michigan; Det. S.p. 275:
 (C. siliolatum; -Encyonema unguis; -Schizonema; ~~Depressigma~~
 NEGLECTUM, Thw. S.B.D. 2p. 70-56f352;
 Prit. p. 926-3f47; Gran. 1332p.572-5f17; New Zealand; Carr. p. 115; Sm.
 Sp. 7.37; Hall; O.M.I.D.p. 331-29f13; ~~Depressigma~~ (Schizonema.) ---
 SUBCOMAERENS, Thw. S.B.D. 2p. 70-56f353; Prit. p.
 926; Carr. p. 115; Gran. 1330p.572; M.T.P. 3-4-21: Cl. & V. No. 103; Sm. Sp.
 7.32; Carr. p. 115; Hall; O.M.I.D.p. 331-29f13; (C. siliolatum; -Schizonema.)
 SUBFLEXILE, (Schizonema.) ---
 SULLIVANTII, H.L.Sm.-T.M.S. 1330p.35: (C. viridulum.) ---
 THWAITESII, W.S.-Gran., in V.H.S. (Schizonema.) ---
 VIRIDULUM, Breb.-K.S.A.p. 105; R.S.D.p. 51; Rab. Alg. No. 323; Prit. p. 926;
 Bleisid, 1335; R.S.D.p. 235, 133; Prollis p. 67; S. Sp. T. 33; V. I.S.p.
 1377p. 102: (C. Sullivantia; -Nav. rhomboides; ~~Vanderhoekia~~.) ----
 VULGARE, Thw. S.B.D. 2p. 70-56f351; Prit. p.
 926; Gran. 1330p.572: 1335p. 12-2f15; New Zealand; Carr. p. 115; Hall;
 Sm. Sp. 7.39; O.M.I.D.p. 331; Tanaruk 13791.33, 113a: M.T.P. 3-4-10;
 Hall; O.M.I.D.p. 331: ~~triviale~~ -
 (Frustulia Saxonica; -Nav. vulgare & apolina; -Schiz.: -VanHeurckia.) ---

CONSERVA. ----- (Muller, 1783.)

- ATANEOSA, Mohr. (Schizonema.) ---
 - ~~AMPHIBILLIS~~, Miller, Nova Acta 131. 1315 1. 34-3f6, 7: ~~(Schizonema)~~
 - ~~ATANEOSA~~, English Bot. taf. 1732; Dillwyn p. 52: S. D. O. 1331. 1331
 (Bacillaria quinquies-loc.: -Dillwyn.) --- ~~Bacillaria quinquies-loc.~~
 BRONCHIALIS, Roth, Cat., Vol. II. 136; Flor. Germ. Vol. 3p. 520, No. 50;
 J.Q.C. 1331. 3: ~~Bacillaria~~ (Schizonema) ---
 COMOIDES, English Bot. taf. 1700: ~~Dillwyn, pl. 27:~~ (Schizonema. ~~C. + Schiz.~~)
 FASCIATA, Dillwyn pl. "B": J.Q.C. 1331p. 4-3f5;
 (Lysigonium & Melosira varians.) ---
 FLOCCULOSA, Dillwyn Conf. pl. 2f2, C, C': ~~Flora~~ taf. 1497II: ~~Roth,~~
 Cat. Vol. II. 102-5f6; Flora Germ. Vol. 3p. 523; J.Q.C. 1331. 4-3f5:
 (Bacillaria pectinatis; -Dillwyn; -~~Tanaruk~~.) --- ~~Bacillaria pectinatis~~
 - ~~FLORIDA~~, Dillwyn Conf. pl. 104; Eng. Alg. exs. 33. VII, 1331: S. D. O. 1331. 1331
 3: ~~(Bacillaria & Schiz. pectinatis; -Dillwyn & Dillwyn; -Dillwyn)~~

> lucens, Thore. :- { Frag. peat. of aq. Syst }

moniliformis, Hebert Mohr Arch. p. 1-5 f 5:

nummuloides, of Diet. = Mel. discigera :-
" fr. B. = " nummul. -

> rhomboidalis, Sony Mem. Mus. :- (Diat. flocculosa.)

reticulans, ? Frontispiece in Roth Catalog, vol. 2 p. 179 :- (Amphipleura)
Jung. & Ex. Dec. 1, No. 3: Schiz. ret.

- FRAGILIS, Roth, Cat. Vol. 2p. 203; *Ag. Syst. p. 86; Cons. p. 65*; (Melosira.)
 HYEMALIS, Roth Cat. Vol. 2p. 205; Dillwyn Suppl.: Ag. Syst. p. 36; Disp.
 p. 28; Synop. p. 73; (Lysigonium & Melosira varians.)---
 INFLEXA, Roth, Cat. *Vide Heber & M.* --- (Melosira *moniliformis*.)
 LINEATA, Jurg. Alg. Exs. No. 70; Dillwyn Suppl. pl. "B": Lyngbye Tent. pl.
 33f "B": J. Q. C. 1333p. 4-3f4;
 (Lysigonium & Mel. Jurgensii; -Melosira subflexilis; -Lysig. moniliforme)
 MONILIFORMIS, Muller. -Nov. Act. Holm. p. 30-3f1-5; Jurg. Alg. Exs. No. 7: Ag.
 Fl. Danm. pl. 1543f1; -(Lysigonium; -Melosira m. & ramuloides.)-
 NUMMULOIDES, Dillwyn Conf. p. 43, taf. 15; Engl. Bot. taf. *2767*; Ag. Fl. Danm.
 taf. 1513f1; J. Q. C. 1333p. 4-3f5; -(Lysigonium moniliforme; -Melosira.)---
 OBLIQUATA, ^{*Dillwyn*} Bory Encycl. Engl. Bot. taf. 1339; J. Q. C. 1333p. 3:
 (Diatoma & Grammatophora marina; -Isthmia o. & nervosa.)---
 ORICHALCEA, Watters. -On the Algae Exsic. *1022*; Ag. Syst. p. 30; -(Mull.)--
 PECTINALIS, Dillwyn Conf. taf. 24; Muller, Nov. Act. Holm. p. 91; Acta Petrop.
 p. 3-1f4; *87*; Engl. Bot. taf. 1611; Grossbritt Conf. Weber & Mohr, p. 47 taf.
 24, 28, Heft 3: J. Q. C. 1333p. 2-3f1;
 (Bacillaria; -Himantidium; -Eunotia; ~~Fraxiliana~~)
 PENNULATA, Muller Encycl. pl. 19f5; (Synedra.)---
 STIPITATA, Engl. Bot. taf. 2433; *K. Syn. p. 4*; - (Achnanthes longipes.)-
 STRIATULA, Engl. Bot. taf. 1923; J. Q. C. 1333p. 1; -(Rhabdonema arcuatum.)---
 SUBDIVISA, Engl. Bot. taf. 1923; Ag. Cons. p. 22; *Roth, Cat. Vol. 3p. 287*;
 TALENIFORMIS, Ag. Cons. p. 34; *Engl. Bot. taf. 1553*; J. Q. C. 1333p. 3 (Diatoma)
Jurg. Alg. Exs. Dec. 6, No. 8: = Diat. marimum.

CORETHRON.-----(*Castr.*, 1887.)-

- , Castr. 1337p. 36-15f7; 21f6;
 COMETA, Bran, 1391p. 20-21f10; Del. Syll. p. 1007;
 CRIOPHILUM, Castr. 1337p. 35-21f14; Notar. 1339p. 749; Del. S. p. 1006;
 " var., Castr. 1337p. 35-21f12, 15;
 HISPIDUM, Castr. 1337p. 35-21f13, 5; Notar. 1339p. 750; Del. S. p. 1006;
 (Actiniscus pennatus.)--
 MURRAYANUM, Castr. 1337p. 35-21f4; Notar. 1339p. 750; Del. S. p. 1006;
 PELAGICUM, Bran, 1391p. 26-19f3; Del. Syll. p. 1006;

CORINNA.-----(*Heib.*, 1862.)-

- ELEGANS, Heiberg p. 53-3f3; R. E. D. p. 314; London Clay; J. Q. C. 1370p. 102-
 3f1-5; Atlas 143f54, 55; 144f2, 4; M. L. P. 4-3-3; (Memnialis.)-

CORONIA.-----(*Ehr.*, 1841.)-

- ECHENEIS, E. -Abh. Ber. 1341p. 11; (Campylodiscus.)--

COSCINODISCUS.-(*Ehr.*, 1838.)-

- , *Muscl. A. S. C. p. 473*;
 --, L. D. No. 15, pl. 4f1-3;
 --, E. Mik. pl. 59-3f20;
 --, Amer. Nat. 1333p. 510-13f24;
 --, Girard Foss. p. 9-2f6, 22;
 --, J. R. M. S. 1390p. 426-7f1, 2;
 --, *Platt. p. 127*;
 --, E. Mik. pl. 33A-3f101;
 --, *Pant. 21. -2-1344*;
 --, A. Schm. N. D. p. -3f42;
 --, *Perag. Villef. p. 77-2f14*;



----- *J.R.M.S. 1890 p. 425-7* -----

- , E., Abh. Ber. 1370 pl. I^b, f20 --- *C. aenariis*, var. ---, *Atlas 148 f4, 9*;
 --, Witt 1333 p. 14-2 f23: ---, *Atlas 57 f1* - (*C. dimorphus*.)
 --, *Atlas 57 f2* --- *C. illinoensis*: ---, *Atlas 57 f3* - (*C. aenariis*, v. *minor*.).
 --, *Atlas 57 f33, 45*: ---, *Atlas 53 f12, 44*:
 --, *Atlas 59 f4, II*: ---, *Atlas 59 f9* --- *C. minor*.
 --, *Atlas 52 f1, 2, 9*: ---, *Atlas 55 f17* --- *C. heteromorphus*.
 --, *Atlas 55 f13* --- *C. aphasos*. ---, *Atlas 133 f3, 10, 14, 17-19*:

ACTINOCHILUS, *E. - Abh. Ber. 1341, 230*; *Witt. 1333 A-2 f1*; *M.S. 1891, 12*; *Rattray Review Cosc. p. 574*; *Phytop. 1891* (Craspedodiscus.) ---

ACTINOCYCLOIDES, *Pant. 1 p. 71-9 f172*; *2, p. 113*: (*C. Rothii*, var.) -

ACTINOCYCLOS, *E. - Abh. Ber. 1341, 123*; *Abh. Ber. 1372, 201*; *Rattr. Rev. 1. 500*;

Det. Syll. p. 1306:

ACTINOPTYCLUS, *A.M. Edwards*. (*Actyclis. bitorularis*.) ---

ACTINOSUS, *Grove Mss.*; *Rattr. Rev. p. 503-2 f7*; *Det. S. p. 1240*;

AEGLIOPSIS, *A.S., Atlas 113 f13, 14*; *Rattr. Rev. 1. 139*; *Det. S. p. 1223*;

AETHES, *Rattray, Rev. p. 569-2 f3*; *Det. S. p. 1232*;

AETHICALUS, *Jan. - Gaz. pl. 302*; *Atlas 59 f21, 23*; *Cl. & M. Nos. 1474*; *Rattr.*

Rev. p. 534; *Det. S. p. 1253*;

v. Wallichiana, *Grün. - Rattr. Rev. p. 534-2 f4*; *Cl. & M. Nos. 133, 207*;

Det. Syll. p. 1253: - (*C. Af., var. rotunda*.)

v. rotunda, *Castr. 1337 p. 159-24 f3*: (*Var. Wallichiana*.)

AGAPETOS, *Rattr. Rev. p. 573*; *Atlas 113 f13*; *Det. S. p. 1233*: - (*C. nitidulus*, v.

AMPLIUS, *E. - Abh. Ber. 1372, 202*; *Rattr. Rev. 1. 500*; *Det. S. p. 1235*;

ANASTOMOSANS, *Grün. 1334 p. 23*; *Rattr. Rev. p. 455*; *Det. Syll. p. 1204*;

(*C. oculis-iridis, abnormalis*.)

ANASTOMOSANS, *Pant. 3 p. -2 f4 II*; *Det. S. p. 1305*;

ANGULATUS, *Grev. - T.M.S. 1334 p. 9-2 fII*; *Girard Moss. pp. 9, 14-1 f9*; *pl. 4*;

Atlas 57 f32; *Grün. 1334 p. 31*; *J.Q.C. 1337 p. 39*; *Rattr. Rev. p. 501*;

Det. Syll. p. 1206:

ANGUSTE-LINEATUS, *Jan., Gaz. pl. 3 f6*; *Atlas 59 f34*; *Rattr. Rev. p. 474*;

Det. Syll. p. 1213: *Gestrup 1877 p. 344*: (*C. lineatus, v. tenera*.) ---

ANNULATUS, *Grün. 1334 p. 22-5 f57*; *Rattr. Rev. p. 562*; *Det. S. p. 1277*;

ANTARCTICUS, *Grün. 1334 p. 32-4 f23*; *Atlas 59 f13, 19*; *Rattr. Rev. p. 500*;

Det. Syll. p. 1241: (*C. subglobosus, var. Ant.*) -

ANTARCTICUS, *Castr. 1337 p. 157-12 f10*; *Volat. 1339 p. 7*;

Det. Syll. p. 1203: (*C. impositus*.) ---

ANTIDROMIANUS, *Rattr. Rev. 1. 430*; *Det. Syll. p. 1207*;

ANTIMIMOS, *Cl. & M. 257*; *Rattr. Rev. 1. 451-2 fII*; *Det. S. p. 1209*;

ANTIQUUS, *Grün. 1334 p. 32-4 f24*; *Rattr. Rev. 1. 430*; *Det. S. p. 1209*;

(*C. concavus, p. 1*.) ---

APAGES, *Rattr. Rev. p. 575*; *Det. S. p. 1236*: - (*Cosmodiscus Normannicus*, *Grev.*

APHRASTOS, *A.S., Atlas 55 f13*; *Rattr. Rev. 1. 490*; *Det. S. p. 1216*;

ARICULATUS, *E. - Abh. Ber. 1341, 23*; *Pl. pl. 13413*; *M.S. 1891, 12*; *Rattr. 11*.

Pl. 2434; *Pl. 10. p. 329*; *Atlas 59 f5-10*; *Cl. & M. 134, 213*; *Grün. 1334 p. 23*;

Pant. 1 p. 70-15 f129; *2, p. 117*; *Rattr. Rev. 1. 570*; *Wolle pls. 33 f9*; *94 f10*;

Det. S. p. 1232: (*Cosmodiscus 1891*) ---

+ asternophalus, Trans. Middlesex Club N. H. S. 1889 pl. 1 f. 3.

- * *V. ambigua*, Grin. 1334p.25:-(*C. apiculat.* v. *woodwardii*
 * *v. maxima*, Grin. 1334p.24; Rattr. Rev. p. 571; Det. Syll. p. 1233:
 * *v. woodwardii*, Eul. -Rattr. Rev. p. 571:-(Det. S. p. 1233: -(
 (*C. perforatus*, p. p.: -*C. woodwardii*, Eul.: -*C. apiculat.*, v. *ambigua*.)--
 APICULIFER, Rattr. Rev. p. 591; Det. S. p. 1297: (*C. armatus*, Pant.)---
 APOLLINIS, E. -Abl. Ber. 1344p.200; Mg. p. 1. 35A-2204; V. S. p. 1. 124; Pl. p. 1. 329; Rattr. Rev. p. 573; Det. S. p. 1239: (*C. scintillans*, p. p.)
 * *v. compacta*, Rattr. Rev. p. 579; Det. S. p. 1239: (*C. scintillans*, p. p.)
 ARAURENSIS, J. P. -J. S. S. 1377p.43; Rattr. Rev. p. 551: (*C. janssenii*, v.)
 * var., Cast. 1337p.150-212; Det. S. p. 1301:-(*C. janssenii*, p. p.)
 ARGUS, E. -Abl. Ber. 1333p.154; 1344p.79; Mg. p. 1s. 21f2: 22f5, 8; V. S. p. 1. 34; A. S. S. 1342p.93; V. S. p. 1. 101; V. S. p. 1. 120; Pl. p. 1. 339; R. p. 1. 34; Eiben, 1371: Italy: Atlas 51f13; 113f7; Grin. 1334p.20; J. O. C. 1335p.175; Atlantic City; Rattr. Rev. p. 527; Pant. p. 1. 117; A. S. S. 1341p.12141; Det. S. p. 1253:
 (*C. irradiatus* & *radiatus*; -*C. woodwardii*, A. S. -*C. heteroporus*.)---
 * *v. subtransiens*, Rattr. Rev. p. 523-1f20; Atlas 143f2; Wille p. 1. 31f3; Det. Syll. p. 1254;
 ARMATUS, Grev. -T. M. S. 1331p.42-4f5; Pant. p. 74-10f90; 2, p. 1. 120; Rattr. Rev. p. 575; Wille p. 1. 33f2; Det. S. p. 1233: (*C. apiculifer*, p. p.)-
 * var., A. S., Atlas 57f4:-(*C. armatus*; -*Cosmoidiscus*.)---
 ASONUMAE, Pant. p. 1. 15f221; Det. S. p. 1305: (*C. bulliens*.)--
 ASPERULUS, Grin. 1334p.21; Rattr. Rev. p. 519; Det. S. p. 1243;
 ASTEROIDES, Witt 1333p.13-3f2; Brun & T. p. 70; Rattr. Rev. p. 572; Det. Syll. p. 1250;
 ASTEROPHYLLOS, E. -Abl. Ber. 1344p.77; Mg. p. 1s. 134f2, 6; 35-1317; V. S. p. 1. 124; Pl. p. 1. 323; Atlas 55f5, 12; 113f23; Jan. Cat. p. 1. 419; V. S. p. 1. 503; Grin. 1334p.20; J. O. C. 1335p.175; 1337p.120; Atlantic City; Pant. p. 1. 71; 2, p. 1. 113; Malaisie; Brun & T. p. 70; Rattr. Rev. p. 549; Cl. 1391 p. 63; Wille p. 1. 37f4; Det. S. p. 1263: *Hestrop 1857* (C. aster., v. *conspicua*; -*C. radiatus*, v.) *Comp. 1897 p. 1. 3 p. 1. 10 f. 11*
 * *v. biangulata*, Rattr. Rev. p. 549: *Comp. 1897 p. 1. 3 p. 1. 10 f. 11* (*Cosc. b.*)--
 * *v. Brightwellioides*, Grin. 1334p.20; Pant. p. 71-17f153; Rattr. Rev. p. 550; Det. S. p. 1269;
 * *v. centralis*, E. -Grin., 1334p.27: (*C. centralis*.)--
 * *v. conspicua*, Grin. 1334p.23; V. S. p. 1. 10011, 2, 3, 5: (*Cosc. c.*)--
 * *v. eximia*, Grin. 1334p.20; Rattr. Rev. p. 549; Atlas 51f12; Det. Syll. p. 1269: J. Q. C. 1865p.175:
 * *v. genuina*, Grin. 1334p.23: (*Cosc. g.*)---
 * *v. hyalina*, A. S., Atlas 55f1; 113f22; Grin. 1334p.20-21; Rattr. Rev. p. 551; Det. S. p. 1269; *Hestrop 1857* *Comp. 1897 p. 1. 3 p. 1. 10 f. 11*
 * *v. maculata*, Grin. 1334p.23; Rattr. Rev. p. 551; Det. S. p. 1269;
 * *v. onchalantha*, Grin. 1334p.20; Rattr. Rev. p. 549; Det. S. p. 1269:-(*Coscinouiscus o.*)
 * *v. Pabellaria*, Grin. 1334p.27; V. S. p. 1. 12315; Rattr. Rev. p. 551; Det. Syll. p. 1269; *- C. Cosc. a., var. Pabellaria.*
 * *v. princeps*, Grin. 1334p.23; V. S. p. 1. 12311-3; Rattr. Rev. p. 551; Det. S. p. 1269;

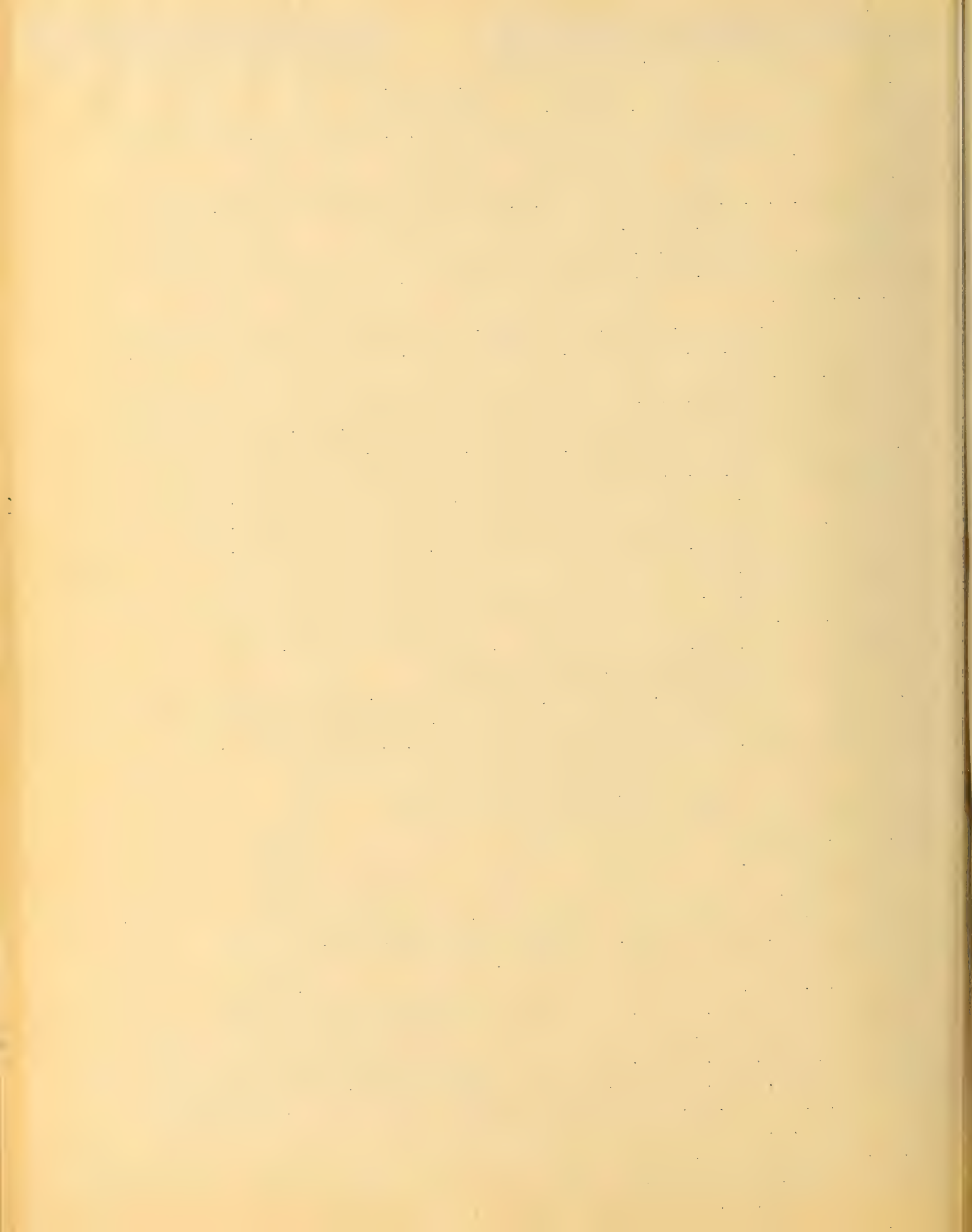
+ bathyomphalus, Oestrup 1897 p. 345

> Tractea, Br. - L. D. 2, N° 22 p. 236-24 f 8:

" forma minor, Brun. - L. D. 2 N° 22. p. 236-24 f 9:

" " crassipunctata, Bri. - L. D. 2, N° 22 p. 236-24 f 7:

- " v. pulchra, Grun. I384p.23; Rattr. Rev. p.550; Det. S. p. I239;
 " v. spinuligera, A. S., Atlas 33f3; Grun. I384p.47; (Cosc. s.)--
 ASYMMETRICUS, Grun. I384p.34; Cl. & M. Nos. I34, I55; Det. S. p. I303;
 ATLANTICUS, Casti. I337p. I53-513; Rattr. Rev. p. I73; Notar. I333p. 700;
 Det. Syll. p. I220: *Jan. 1897, p.*
 " v. striatula, Casti. I337p. I53-513; Rattr. Rev. p. 473; Det. S. p. I11;
 AULISCUS, K. S. A. p. I23; Rattr. Rev. p. 590; Det. S. p. I304:-(*Actinocyclus*.)---
 AUSTRALIANUS, Grun. I384p.34-4f3I, 32; (C. l. a. s. v. l.)
 BAILEYI, Sm.-Rattr. Rev. p. 521; Det. S. p. I250; (Cosc. s.)--
 BALDWINIANUS, Grun.-V. A. T., series 22, No. : Bot. Cblt. I333p.324;
 Det. S. p. I209;
 BALTICUS, Grun., in Cl. Coll.: Cl. I39Ip.33: *Cl. 1897p. 12, 100*
 BARBADENSIS, Grev.-T. M. S. I36Ip.43-4f9; Grun. I384p.39; Rattr. Rev. p.
 504; Det. S. p. I233;
 BARK LEYI & Coates, J. R. M. S. I36Ip. I. I33: Det. S. p. I304: (Actinocyclus.)-
 BATHYOMPHALUS, Cl., Vega p.439-33f3I; Rattr. Rev. p.537; Det. S. p. I295;
 " v. wankaremensis, Rattr. Rev. p.533; Cl. Vega p. I.33f3Ib;
 BENGALENSIS, Grun., V. H. S. p. I. I32f9; Rattr. Rev. p.530; Det. S. p. I290;
 BIANGULATUS, A. S., Atlas 33fI3; Woll. p. I.33fI; Rattr. Rev. p.543;
 Det. Syll. p. I233: (Cosc. s., var.)---
 BIFRONS, Casti. I337p. I53-2fI; Rattr. Rev. p. 601; Det. Syll. p. I303;
 (Actinocyclus b.)--
 BIHARENSIS, Pant. Ip. 7I-I4fII9; I3fI39; Rattr. Rev. p.590; Notar. I333p.
 313; Det. S. p. I293;
 BIOCULATUS, Grun.-Cl. & M. 3I4; Vega p.433; Grun. I384p.30,53-4fI;
 3f30; Rattr. Rev. p.434; Det. Syll. p. I225;
 " v. exigua, Grun. I384p.30,53-4f2; Rattr. Rev. p.434; Det. S. p. I225;
 BIPARTITUS, A. S., Atlas 59f35; Rattr. Rev. p.472; Det. S. p. I213;
 BIPLICATUS, Grun.-V. H. S. p. I. I32f3; Rattr. Rev. p.530; Det. S. p. I290;
 BIRADIATUS, Grev.-T. M. S. I36Ip.42-4f7; Atlas 53f2; Rattr. Rev. p.539;
 Malaisie; Det. Syll. p. I23I: = *C. elegans, var.*
 BISCULPTUS, A. S., Atlas 59fI4; Rattr. Rev. p.471: (C. labyrinthus, v.)--
 Det. Syll. p. I213;
 BISINUATUS, Grun.-Atlas 33fI4, I5; Grun. I384p.25; Rattr. Rev. p.552;
 Det. S. p. I270;
 BLANDUS, A. S., Atlas 59f35-37; Rattr. R. p.472; Malaisie; Det. S. p. I213;
 BOECKHII, Pant. 2, p. II7: 3p. -35f497; Det. S. p. I233;
 BOLIVIENSIS, Grun. I384p.24; V. H. S. p. I. I32f4; Rattr. Rev. p. 341;
 Det. Syll. p. I232: (C. woodwardii, p. p.)-
 " v. spinulosa, Grun. I384p.24; Rattr. Rev. p.541; Det. S. p. I232;
 (Cosc. Bol., of H. V. H.)---
 BOREALIS, E. - ~~Det.~~ I35Ip.294: (C. radiatus, v. glauca.)---
 BOREALIS, Bail.-A. S. S. I33p.3; Pril. p.323; St. Sp. p.90; Atlas 33fII;
 Brun. & T. p.70; St. Sp. p. sub Nos. 90, 92, 93; Rattr. Rev. p. 333; Woll. p. I,
 37fI; Det. S. p. I274;
 (C. oc.-iridis, v.: -C. omphalanthus, v.: -C. radiatus, v.)---
 BOULEI, Perap.-Les Diats. de Franc. series I: Det. S. p. I303;
 BRELIANUS, Pant. 21. II7-I3I223; Det. S. p. I213;



- BRIGITHELLIOLUS, Part. 3. 1. -- 23f410; Del. Syll. 1. 1203;
 BULLATUS, Jan. Gaz. pl. 6f12; Rattr. Rev. p. 462: (C. planiscala.) ---
 BULLIENS, A.S., Atlas 5f11, 12; Grun. I334p. 20; Rattr. Rev. p. 519; Pant.
 Ip. 70-I7f14; 2, p. 117: Del. Syll. p. 1243; Cl. & M. 172: (C. bulliens.) ---
 CALIFORNICUS, O'M. Mss.: Rattr. Rev. p. 546; Wollé pl. 103f7: -(C. gigas, v.)
 CAPENSIS, Grun. I334p. 34-4f29; Rattr. Rev. p. 464; Del. S. p. 1224: (C. capensis.) ---
 CARAIBICUS, Wit. I333p. 13-2f3; Rattr. Rev. p. 507: (C. diversus.) ---
 " v. completa, Rattray Rev. p. 508:
 CASPIUS, E.-Abh. Ber. I372p. 179-12f14: (C. radiatus.) ---
 CENTRALIS, E.-Abh. Ber. I338p. 129; I344p. 73; Mg. pls. 13f39; 2f13; 22f1;
 F.B. p. 131; K.S.A. p. 122; Grun. D.C. 1. 29-3f49; Weiss. I334p. 21-1f1;
 Gu. p. 360-1f13; I367p. 122-1f13; Breb. D.C.: Q.O.M.S. I359p. 14-2f13; E.
 Nord. p. -2f24; Prit. p. 323; Bailey Coll.: Jan. Gu. p. 19-2b, f4; Girard
 Moss. pp. 9, 14-2f19; pl. 4; Carr. p. 93; Hill; Breb. Verm. p. 10; Flogel,
 Baltic; O'M. Kerg.: I.D. p. 260-26f19; Italy: Cl. I373p. 5; Nares; Vaga
 p. 433; Cl. & M. Nos. sub 57, I34, 207, 215; Petit Class. f27; Sn. Sp. T. 91:
 T.M.S. I377p. 137f27; Grun. I373p. 26; Fortm. Cey. p. 33; Atlas 30f12; 33f
 1: J.R.M.S. I379p. 633; V.H.S. pl. 103f "B"; Malaisia; J.R.C. I337pp. 42, 123
 pl. 4f1; Wollé pls. 37f6; 94f12; Rattr. Rev. p. 470; Del. S. p. 555:
 (C. est., var. cent.: -C. conchiformis, 1. 1.) --- 610-9f364
 " forma minor, V.H.T. No. 531: -(C. centralis.) ---
 " var., Casti. I337p. 155-2f3: (C. centralis.)
 " v. micraster, Grun.-Cl. Vega p. 433; Cl. & M. 172: (C. centralis.)
 CENTRANTHUS, E.-Mik. p. 139; Rattr. Rev. p. 603; Del. S. p. 1306:
 CERVINUS, Ralfs.-Prit. p. 331; O'M. I.D. p. 262: Rattr. Rev. p. 593;
 Del. S. p. 1299: (Hyalodiscus.) ---
 CHALLENGERI, Jan.-Rattr. Rev. p. 603; Cl. & M. 216 sub; Del. S. p. 1307:
 CHAMBONIS, Per. & Her.-Herib. p. 195-5f20:
 CINCTUS, K.B. p. 131-1f17; K.S.A. p. 122; Prit. p. 331; Cl. I330p. 113;
 Rattr. Rev. p. 452; Del. S. p. 1203: (C. patina, Bailey.) ---
 CINGULATUS, E.-Abh. Ber. I344p. 200; Mg. pl. 35A-2f6, p. 143; K.S.A. p. 124;
 Prit. p. 329; Rattr. Rev. p. 539; Del. S. p. 1261: -(C. subtilis; -Coscinophaceli
 CIRCUMDATUS, A.S., Atlas 59f3; V.H.S. pl. 131f4; Rattr. Rev. p. 463:
 Del. Syll. 1. 1212;
 CLIVOSUS, Part. 1. 72-2f16; 2, p. 119; Rattr. Rev. p. 593; Del. S. p. 1300:
 Del. S. p. 1300:
 " v. latefasciata, Pant. Ip. 72-27f252; Rattr. Rev. p. 595; Del. S. p. 1300:
 CLYPEUS, E.-Mik. pl. 11f6: (C. symmetricus.) ---
 COCCONEIFORMIS, A.S., Atlas 53f25, 26, 28; Rattr. Rev. p. 599; Cl. Vega p.
 509; Wollé pl. 94f4, 5; Del. S. p. 1302:
 " v. brevior, Rattr. Rev. p. 599; Atlas 53f24; Del. S. p. 1303;
 " v. latior, Rattr. Rev. p. 599; Del. S. p. 1303; Atlas 53f23:
 " v. tenuior, Rattr. Rev. p. 600; Atlas 53f27; Del. S. p. 1305;
 COMPLEXUS, Stouffer, in litt., March 1377, cum Photogram.: Rattr. Rev. p.
 503; Del. S. p. 1307:
 COMPOSITUS, Rattr. Rev. p. 513; Atlas 59f10; Del. Syll. 1. 1247;
 COMPTUS, Casti. I337p. 157-13f9; Rattr. Rev. p. 533; Notar. I333p. 750;
 Del. Syll. 1. 1292:

+ Concinus, Le L. 2, no. 12 pp. 114-118 pl 8 f 1-14: J. M. S. 1884 p. 671-2131:
Oestrup 1897 p. 3. 45: Petit, Cap Horn: Cl. 1897 p. 23:

- [illegible]



- CRUCIATUS, K.B.p.132-23f10; K.S.A.p.125; R.E.D.p.34; Rattr.Rev.p.437;
(Pyxidicula (Dietzopyxis) c. & Hellenica.)---
- CURVATULUS, Grun.-Atlas 57f35, 37; Jan.Gaz.pls.2f7; 5f2, 5, 8; 5f2;
20f17; Sm.Sp.7.99; Cl. Vega p.433; Rattr.Rev.p.435; Del.S.
p.1223: *Enum. / 884 p.30*: (Odonodiscus.)----
- v.Bradensis, Cleve Mss.; Rattr.Rev.p.439;
- v.densius-striata, Grun.-Atlas 57f35: (Cosc.c.)-
- v.frigida, Grun.-Cl.Vega p.433; Rattr.Rev.p.439;
- v.fusca, Grun.-Atlas 57f35, 37; V.L.N.504; Del.S.p.1227; Grun.
1334p.31-4f14; Rattr.Rev.p.437: (Cosc.c.)----
- v.inermis, Grun.1334p.31-4f14, 12; Witt 1335p.23; Atlas 113f3;
Rattr.Rev.p.433; Part.2, p.113: *Oestrup 1897 p.344*: (Cosc.c.)---
- v.Kariana, Grun.-Cl.1330p.113-7f129; Vega p.433; Grun.1334p.31;
Del.Syll.p.1227: (Odonodiscus c., var.)--
- v.latic-striata, A.S., Atlas 57f30, 34; Rattr.Rev.p.437;
Del.Syll.p.1227;
- v.minor, Grun.1334p.31-4f3, 10; Rattr.Rev.p.437; Del.S.p.1227;
- v.Normandi, Cl.Vega p.433: (Cosc.M.)-----
- v.recta, Jan.Gaz.1f3; 4f4; Rattr.Rev.p.433; Del.Syll.p.1223;
Castr.1337p.159-12f14;
- v.subocellata, Grun., 1334p.31-4f15; Rattr.Rev.p.433; Del.S.p.1223:
(C. lineae.)--
- CYCLOTHERES, Castr.1337p.161-22f3:
- DEBILIS, Grove.-Atlas 143f5; 133f4; Rattr.Rev.p.529-1f4;
Del.Syll.p.1255:
- DEBUI, Pantoc.2, p.113-26f373; Del.S.p.1270:
- DECIPIENS, Grun.1373p.23-4f13; 1334p.23; Atlas 53f13, 19; V.L.N.41.
9f10; T.No.471; Rattr.Rev.p.464; Del.S.p.1211: (C.minor, 1.1.:-
C.excentricus, v.: C.pectinatus; Orthosira & Melosira angulata.)-
- DECRESCENS, Castr.1337p.159-12f14: (C.minus.)---
- DECRESCENS, Grun.1334p.23; Atlas 51f9; J.D.C.1337p.33; Rattr.Rev.p.
525; Del.S.p.1252; *1337-10*
- v.irregularis, Grun.1334p.23; Rattr.Rev.p.525; Del.S.p.1252;
- v.polaris, Grun.1334p.23-3f11; Rattr.Rev.p.526; Del.S.p.1252;
- v.repleta, Grun.1334p.23-3f13; Witt 1335p.23; Rattr.Rev.p.523;
Del.Syll.p.1252;
- v.vetula, Grun.1331p.23; Atlas 51f13; Rattr.Rev.p.526; Del.S.p.1252; --
- v.venusta, Grun.1334p.23; Rattr.Rev.p.525; Del.S.p.1252:-(C.venusta, 1f)
- DECUSSATUS, Gro. & St.-Rattr.Rev.p.579-1f7; Del.S.p.1253;
- DELAWARENSIS, Grun.-Cl. & M.212; Rattr.Rev.p.506; Del.S.p.1233;
- DELIARIUS, A.S., Atlas 57f19-22; Grun.1331p.19; Cl.Vega p.433; *1334*
Rev.p.504; Wolle pl.112f3; Del.S.p.1233;
(C.subtilis; -C.symmetricus.)-
- v.variolata, Castr.-Rattr.Rev.p.505; Del.S.p.1233:-(Cosc.variolatus)
- DENSUS, Gro. & Sturt.-Rattr.Rev.p.592-2f9; Del.Syll.p.1293;
- DENTICULATUS, Castr.1337p.155-3f3; Rattr.Rev.p.531; Notul.1339p.751;
Del.Syll.p.1256;
- DEPRESSUS, Grun. Mss.; Rattr.Rev.p.595; Del.S.p.1300;
- DETRIUS, A.S., Atlas 53f15; (C.patealliformis.)--

> dichotomus, Br. - L.D. 2, no. 22 p. 236-24 f6:

+ iterama, - J.R.C. 1888 p. 308-24 f1-3:

Spallans, Cooke, 1897 p. 150-55 (C. Bullen)

+ ellipticus, Grevillea vol. 1 p. 91-6 f4 a, b;

- DEVIUS, A.S., Atlas 301I-4; V.A.S.pl. I30f3; Cl. & M. I50; Malaisie; Villef.p.73; (C. radiatus, v. minor.)
- DIMORPHUS, Casti. I337p. I57-I7f3; Atlas 57fI; Rattr. Rev. p.450; Notar. I339I.75I; Del. Syll. p. I20I:
- DIOPHIDAMUS, Casti. I337p. I55-I5fI; (C. excavatus, v. minor, I3.)--
- " v. monophthalma, Casti. I337p. I55-I5fI: (C. excavatus, v. minor, I3.)--
- DIORAMA, A.S., Atlas 34I2; Malaisie; Rattr. Rev. p.542; Witt. p. 37I2; (C. gigas, var. "a": -C. Sinensis.)---
- DIPLOSTICTUS, Grun.-V.A.S.pl. I32f3; Rattr. Rev. p.579; Del. S. p. I239:
- DISCIGER, E.-Abh. Ber. I343p.73; K.S.A.p. I23; Prit. p.329; Del. S. p. I299; Rattr. Rev. p.593;
- DISCOPLA, E.-Mik. p. I23; Rattr. Rev. p.506; Del. S. p. I203:
- DISPAR, Perag. & Her.-Herib. p. I94-5f2I, 22;
- " v. radiata, Perag. & Her.-Herib. p. I94-5f23, 24:
- DIVERSUS, A.S., Atlas 32fI3-I5; Grun. I334p.20; Rattr. Rev. p.507; Del. Syll. p. I240; (C. Caribicis & radiatus.)
- " v. completa, Rattr. Rev. p.503; Del. S. p. I240:
- DIVISUS, Grun. I373p.23; I334p.3I-4fI3; Villef. p.77; Rattr. Rev. p.499; Del. Syll. p. I235; (C. convallidis, v.)---
- " v. arcuata, Grun. I373p.23;
- DOLJENSIS, Part. I. p.72-I2fI05; Rattr. Rev. p.503; Notar. I333p.6f3; Del. Syll. p. I233;
- DUBIOSUS, Jan. Gaz. p. I5fI0, II; Rattr. Rev. p.529; Cl. & M. No. I34; Del. Syll. p. I255: *Cl. & M. #164:*
- " v. convuls, Rattr. Rev. p.529; Del. S. p. I253:
- DUBIUS, A.S., Atlas 3I fI4; Rattr. Rev. p.533; (C. crassus, var.?)
- DURIOSEUS, A.S., Atlas 53f3; Rattr. Rev. p.533; Del. S. p. I230:
- EHRENBERGII, O'M. I.D. p.263-26f24; (C. lineatus.)--
- ECHINATUS, A.S., Atlas 53f3, 35; Rattr. Rev. p.49I; Del. S. p. I234;
- EGREGIUS, A.S., Atlas 57f39; Rattr. Rev. p.543; Del. S. p. I247;
- ELEGANS, E.-K.S.A.p. I23; (Craspedodiscus.)--
- ELEGANS, Grev.-T.M.S. I336p.3-I6; Jan. Gaz. p. I4f3; Atlas 73fV; I30fI0; Cl. & M. I34; J.Q.C. I335p. I75; I337p.39; Part. I. p.73-I3fI0; Witt. p. 37I2; Del. Syll. p. I293; Part. I. p. 4f54; Grun. & V. p.70; Rattr. Rev. p.533; Witt. p. 37I2; Malaisie; (C. crassus, var.?)
- " v. parvipunctata, Witt. I333p. I4-2f22; Rattr. Rev. p.535; Del. S. p. I293;
- " v. spinifer, Grun. & Sten.-J.Q.C. I337p.39-3f9; Atlas I33fI, I6; (C. spinifer.)
- ELEGANTULUS, Grev.-T.M.S. I336p.42-4f3; Atlas 53f3-5; Rattr. Rev. p.539; Del. S. p. I232;
- ELLIPTICUS, Grun. I333p. I04-Ia, fI3; Rattr. Rev. p.533; Del. S. p. I23I;
- ELONGATUS, Grun.-V.A.S.pl. I25fI4; Rattr. Rev. p.584; Del. S. p. I293;
- ENTOLEION, Grun.-Atlas II4f3; Rattr. Rev. p.544; Part. 2p. II7; Malaisie; Del. S. p. I265;
- " v. decorata, Grun. I39I.2I-2f4; Del. Syll. p. I253;
- EPIPIALES, Rattray, Rev. p.315-2fI4; Del. S. p. I230;
- EURYOMMA, A.S., Atlas I33fI;

+ exilis, G. —

" var. g. latirostris; Giesbrecht, Funct. Ber. Kommiss. Kiel 1882
p. 87: CL 1897 p. 23: (*Thalassiotheris*; C. ex. var. concolor)

" concatenata, Gran N. & p. 30-3 f 38: (C. ex. - g. lat.)

- EVADENS, A.S., Atlas 57f44; Rattray Rev.p.577; Det.Syll.p.1237;
 " v.parvula, A.S., Atlas 57f45; Rattr.Rev.p.577; Det.S.p.1233;
 EXASPERANS, A.S., Atlas 53f9; Rattr.Rev.p.450; Merib.p.195;
 Det.Syll.p.1201;
 EXCAVATUS, Grev.Mss.: Prit.p.329-3f26; Atlas 35fI: Grun.1334p.2I;
 W.& C.2,p.I; Rattr.Rev.p.523; Wollé pl.90fI; Det.S.p.1251;
 " v.biocellata, Grun.1334p.2I; W.& C.2p.I-5fI2; Det.S.p.1271;
 Rattr.Rev.p.524: (C.diophthalma, v.)--
 " v.deliquescent, Rattr.Rev.p.524-3f7: Det.S.p.1252;
 " v.genuina, Grun.1334p.2I; Rattr.Rev.p.523; Det.Syll.p.1201;
 " v.quadrilocellata, Grun.1334p.2I; W.& C.2p.I-5fII; Det.S.p.1271;
 Rattr.Rev.p.523: (C.diophthalma, v.)--
 " v.semilunaris, Grun.1334p.2I; Rattr.Rev.p.524; Det.S.p.1252;
 (Cosc.excav., var.monoph.)---
 EXCENTRICUS, E., Abh.Ber.1339p.146; Vreid.1340p.33; Amer.p.323pl.I-3f
 20; 3-3f5; Mg.pls.13f32; 2If3; Nord.p. -2fI3; K.B.p.131-If9; K.S.A.
 p.123; S.B.D.Ip.23-3f33; A.J.S.1353p.I; Mall; Breb.D.C.: Prit.p.330;
 Jan.Gu.p.20-Ia,f7; Ib,fI; 2b,fII; weisse Gu.p. -2fI3; Schum.1367p.
 32; N.& R.S.p.70; R.E.D.p.34; Roper, Thames; Hill; Grun.1333p.23;
 1334p.34-2f7; Cl.1367p.332; 1363p.2I7; 1373p.3; 1373p.I3; Vega p.
 433, 505, 509; Breb.Vern.p.10; Eisen, 1371; St.S.1.93; Schum.N.D.p.95-
 3f33-38; Jan.Gaz.pls.2f3; 3f3, 7-II; Atlas 53f49; Mobile; Lagr.1373p.
 II: Petit Cat.p.33; Nimrod; Italy; Deby Polder p.I3; Bran & T.p.70;
 Atlantic City; V.H.S.p.2I7-130f4-7,3; T.No.530; Witt 1335p.24; Shark
 River; Perag.p.76; Villef.p.76; Malaisie; Flogel, Baltic; Rattr.Rev.
 p.43I; Ann.Sci.321p.1333p.1.2f9; Part.2,p.II3; Wollé pl.90fI; Det.
 Syll.p.1210; Oestrup 1897p.344; Petit, 1897p.344;
 (C. lineatus, v.: -C. minor, p.p.: -Cosc.1334p.32-4f24.)
 " v.antiqua, A.S., Atlas 39fI6; Grun.1334p.32-4f24: (Cosc.a.)-
 " v. decipiens, Grun.1373p.28-4fI3: (Cosc.u.)-
 " v. hyalina, Rattr.Rev.p.464; Det.S.p.12II: -(Eupodiscus excentricus.)-
 " v. micropora, Grun.-Cl. & M.III; Rattr.Rev.p.433; Det.S.p.12II;
 " v. perpusilla, Grun.1334p.56-4f7; Rattr.Rev.p.433; Det.S.p.12II;
 " v. punctilata, Grun.1334p.52; Rattr.Rev.p.433; Det.S.p.12II;
 " v. sublineata, Bran & T.p.70: (Cosc.a.)-
 " v. marginalis, Schum. 1867p.63: (Cosc.a.)-
 " v. zebriensis, Rattr.Rev.p.434; Det.S.p.12II;
 EXIGUUS, A.S., Atlas 53f30; Rattr.Rev.p.573; Det.S.p.1233;
 " v.aequalis, A.S., Atlas 53f31; Rattr.Rev.p.573; Det.Syll.p.1233;
 EXTRAVAGANS, A.S., Atlas 53f33; Rattr.Rev.p.506; Det.S.p.1239;
 EXUTUS, Rattr.Cosc.p.529; Det.Syll.p.1254;
 FALLAX, Schum.1367p.32-3f73: (C. radiatus.)--
 FASCIAIUS, E.-Abh.Ber.1355p.30I; Rattr.Rev.p.609; Det.S.p.1306;
 FASCICULATUS, O'M.-Q.J.M.S.1367p.245-7fI; Schm.N.D.p.95-3f4I; Atlas
 57f9, IO; Petit Cat.p.33; Deby Polder p.I3; Rattr.Rev.p.49I;
 (C. Normanni; -A'ey.13. Rattr.: -1367p.245-7fI; Schm.N.D.p.95-3f4I;
 FEBIGERI, H.L.Sm. ?-(C. excavatus, quadri-oc.)
 FENESTRATUS, E.-Mik.p.130; Rattr.Rev.p.607; Det.S.p.1306;

- RIMBRIATUS, E. - Abh. Ber. 1340p. 206; 1344p. 73; Mik. pl. 22f2; K.S.A.p. 123;
 Prit. p. 329; Eil. Sl. 1. 103; O'M. Kerg.: I. D. p. 264; Atlas 65f3-3; Grun.
 1331. 21; Rattr. Cosc. p. 573; Malaisia; Part. 2, 1. 117; Det. Syll. 1. 1271;
 (C. radiatus, f. p. - Eupod. tessellatus.) ---
 " v. Californica, Grun. 1334. 22; Rattr. Cosc. p. 582; Det. S. p. 1271;
 " v. subradiata, H.V.H.S. pl. 131f2; Rattr. Cosc. p. 553;
 Det. Syll. p. 1271: (C. radiolatus.)
 RIMBRIATUS-LIMBIATUS, E. - Mik. pl. 1971; Atlas 65f3-3; 11312-7; Part.
 2. 113; Grun. & T. p. 70; W. (C. radiolatus?)
 FLAGRANS, A.S., Atlas 571f3; Rattr. Cosc. p. 573; Det. S. p. 1234;
 FLAVICANS, E. - Abh. Ber. 1341. 18. 1-31f7; 2-31f9; Atl. 32. 1311. 412; Me.
 1. 143, pl. 29-31f9; K.B. p. 131-2313; K.S.A.p. 123; Atlas 1334. 211-117;
 Prit. p. 331; Italy: Floge1, Baltic; Det. S. p. 1304: (Melosira?) -
 FLEXILIS, A.S., Atlas 114f3; Rattr. Cosc. p. 544; Det. S. p. 1234;
 FLORESCENS, Grun. in litt., 1333; Rattr. Cosc. p. 593: (C. polyrhaptos.) --
 FLORIDULUS, A.S., Atlas 1121f3; Rattr. Cosc. p. 559; wolle pl. 91f3;
 Det. Syll. p. 1273;
 FORAMINOSUS, Grev. Mss. w. Brit. Museum Cat.: Rattr. Cosc. p. 479;
 (C. nitidus.) --
 FRAGILISSIMUS, Grun., V.H.S. pl. 123f4; Rattr. Rev. p. 552; Det. S. p. 550;
 (Ethmodiscus convexus.) -
 FULGURALIS, Brun, 1391p. 21-21f3; Det. Syll. p. 1234;
 FUSCUS, Norman. - T.M.S. 1331p. 7-2f3; Rattr. Cosc. p. 501; Det. S. p. 1304;
 (Actinocyclus Ralfsii.) -
 GALLOPAGENSIS, Jan. - J.R.M.S. 1379p. 363-21f3; Rattr. Cosc. p. 574-21f20;
 Atlas 133f2; Det. S. p. 1235: (C. griseus & var.) --
 GAZELLAE, Janisch. - J.R.M.S. 1379p. 333; Rattr. Cosc. p. 540; Det. S. p. 1234;
 (Ethmodiscus gigas, sphaeroidalis, tympanum, wyvilleanus.) -
 GEMMATULUS, Cast. 1337p. 131-17f9; Rattr. Cosc. p. 574; Notar. 13391. 75f;
 Det. Syll. 1. 1235;
 GEMMIFER, E. - Abh. Ber. 1344p. 201; Me. pl. 35A-22f3; Bailey Coll.: K.S.A.
 p. 124; Prit. p. 329; Grun. 1333p. 26; Fortm. Cey. p. 36; Malaisia; Rattr.
 Cosc. p. 573; Det. S. p. 1234;
 " v. Campeachiana, Grun. - Rattr. Cosc. p. 573; Det. S. p. 1234;
 GIGAS, E. - Abh. Ber. 1341p. 412; 1344p. 79; Mik. pl. 13f34; K.B. p. 132-11f13;
 K.S.A.p. 125; Bailey Coll.: Prit. p. 329; Jan. Gaz. p. 19-1a, f1; Italy; A.
 J.S. 1342p. 95-2f14; Grun. 1333p. 23; 1373p. 27; 1334p. 24; O'M. I.D. p. 231-
 26f21; R.E.D. p. 34; Jan. Gaz. pl. 3f4; Pet. Nimrod; Atlas 34f1; Atlantic
 City; Brun & T. p. 70; Villef. p. 73; Rattr. Cosc. p. 541; wolle pl. 31f9;
 Det. Syll. p. 1233: *Cl. 1897p. 24* (C. radiatus, f. p.) ---
 " var., Jan. Gaz. pl. 2f1;
 " v. Californica, Rattr. Cosc. p. 543; Det. S. p. 1234: (Cosc. C.) -
 " v. diorama, Grun. - Rattr. Cosc. p. 542; Det. S. p. 1233:
 (Coscinodiscus diorama & gigas, v. *monYersii*.)
 " v. unguiculata, Grun. 1334p. 30-31f27; Det. S. p. 1235; Rattr. Cosc. p. 541;
 (Cosc. subtilis, var., & radiatus.) -
 " var. Guineensis, Grun. - Rattr. Cosc. p. 543; Det. S. p. 1234: -(Cosc. G.)
 " v. laxa, Rattr. Cosc. p. 541; Det. S. p. 1234:

Gregorianus, Om. - J.R.M.S. 1867 p. 115:

Epistola Paul. 3 p. 25 f 363:

- * v. *Monteireyi*, Grun. 1334p.24: (C. gigas, v. *Monteireyi*.) ---
 * v. *innotabilis*, Rattr. Cosc. p. 545: Del. S. p. 1272: (C. abnormis, v. ...) ---
 * v. *stellifera*, Grun & T. p. 71:
 GLABERRIMUS, Rattray Cosc. p. 513-If19: Del. Syll. p. 1244:
 GLACIATIS, Grun. 1334p. 30-3127; Rattr. Cosc. p. 503: (C. innotabilis, v. ...) ---
 GRACILIMUS, Rattr. Cosc. p. 599-If9: Del. S. p. 1202;
 GRACUS, K.B. p. 132; K.S.A. p. 125; Del. Syll. p. 1304;
 (Cyclotella; -Discopliza; -Melosira:)
 GRANDINEUS, Rattr. Cosc. p. 554: Del. S. p. 1272;
 * v. *dentata*, Rattr. Cosc. p. 555: Del. S. p. 1272;
 GRANULATUS, E. -Abh. Ber. 1345p. 75: K.S.A. p. 122; Italy: Rattr. Cosc. p. 591; Del. Syll. p. 1299:
 GRABULOSUS, Grun. -Cl. 1330p. 113-7112; V. 1. S. p. 1. 94123; Cl. Vega p. 433; Italy: Rattr. Cosc. p. 453-If23; Del. S. p. 1203;
 (Cyclotella; -Quontodiscus.)) ---
 * v. *conspicua*, A.S., Atlas 57f3; Rattr. Cosc. p. 454; Del. S. p. 1203;
 * v. *distincta*, --- Rattr. Cosc. p. 451; Del. Syll. p. 1201;
 GRAYANUS, Rattray Cosc. p. 533-2f12; Del. S. p. 1295;
 GRACORI, DM., I.O. p. 233-23f23; Rattr. Cosc. p. 501; Del. S. p. 1203;
 GRISEUS, Grun. -A.S. 1330p. 230-9f17; Atlas 53f1, 13, 14; J.O.C. 133p. 174; Rattr. Cosc. p. 536; Del. S. p. 1294; (C. Galapagensis.)) ---
 * v. *apiculata*, Rattr. Cosc. p. 536:
 * v. *Galapagensis*, Grun. -V. 1. S. p. 13317; 13311: (Cosc. S.)) ---
 GROVEANUS, Rattr. Cosc. p. 532-If11: Del. Syll. p. 1277:
 GRUNDII, Pant. I. p. 71-9f14; 14f125; 2, p. 120; Rattr. Cosc. p. 537; Pant. 1333p. 619; Del. S. p. 1225:
 * v. *minor*, Pant. -Rattr. Cosc. p. 435; Pant. II. 74; Del. S. p. 1225;
 GUINEENSIS, Grun. 1334p. 24: (C. gigas, v. G.)) ---
 GYRATUS, Jan., Gaz. pl. 5f2, 3; Rattr. Cosc. p. 452:
 HARADAAE, Pant. 3p. -3f139; Del. S. p. 1305:
 LAUCKII, Grun. -V. 1. S. p. 1. 94f29; Rattr. Cosc. p. 508; Italy: 121b. p. 105; Del. S. p. 1305; (Cyclotella?) ---
 LEROUIS, Grun, 1391p. 21-2f15; Del. S. p. 1218: (C. ovalis, v. ...) ---
 LETEROPORUS, A.S., Atlas 53f17; Rattr. Cosc. p. 503; Del. S. p. 1214;
 LETEROPORUS, E., Abh. Ber. 1341p. 235; K.S.A. p. 122; Pant. I. 74; Atlas 51f 4, 5, 7; Grun. 1334p. 22; Grun & T. p. 71; Rattr. Cosc. p. 540; Pant. Nimou; wolle pls. 36f6; 90f12; Del. S. p. 1232: (C. argus, v. 1.1.) ---
 * v. *Moronensis*, Grun. 1334p. 23; Atlas 51f1; Rattr. Cosc. p. 540; Del. Syll. p. 1252;
 LETEROSTIGMA, E. -Abh. Ber. 1372p. 297; Nord. p. -2f22: Rattr. Cosc. p. 604; Del. S. p. 1304: (Melosira.)) ---
 LIRIULUS, Grun. -Rattr. Cosc. p. 454: Del. S. p. 1204: (Cestodiscus.)) ---
 HUMILIS, Rattr. Cosc. p. 452: Del. S. p. 1202: (willardiopsis.)) ---
 HUNGARICUS, Pant. I. p. 73-9f13; 2, p. 120; Rattr. Cosc. p. 591; Pant. 1333p. 619; Del. S. p. 1297:
 * v. *Szaboi*, Pant. -Rattr. Cosc. p. 591: Del. S. p. 1297: (Cosc. S.)) ---
 IYALINUS, Grun. -Cl. 1330p. 113-71123; Cl. & V. 315 Sam; Grun. 1334p. 22; 3f23; Vega p. 433; Rattr. Cosc. p. 433; Del. S. p. 1224; -(Quontodiscus.)) ---

- HYPERBOREUS, Grun. I334p. 23-4f23; (C. laevis, v.) ---
 IMPERATOR, Jan.-Rattr. Cosc. p. 545-If5; Del. Syll. p. I237;
 IMPLICATUS, Rattr. Cosc. p. 512-3f1; Del. S. p. I243;
 " v. picturata, Rattr. Cosc. p. 512-3f1; Del. S. p. I244;
 IMPOLIUS, Rattr. Cosc. p. 453; Del. S. p. I203; (C. Antarcticus, Cast.)-
 IMPRESSUS, Grun. I334p. 24; V. l. S. p. I205; Rattr. Cosc. p. 511; Del. S. p. I233;
 INAEQUALIS, Grove & St.-J. Q. C. I337p. 63; (C. vetustissimus.) --
 INAEQUISCULPTUS, Rattr. Cosc. p. 557-If17; Del. S. p. I273;
 INCLUSUS, Rattr. Cosc. p. 432; Atlas 57f47; Del. S. p. I225;
 INCRETUS, A. S., Atlas I39f1; wolle pl. IIOf1;
 INDICUS, E.-Mik. p. I31; Rattr. Cosc. p. 307; Del. S. p. I303;
 INEXPECTATUS, Cast. I337p. I33-10f10; Rattr. Cosc. p. 472; Del. S. p. I221;
 INSUTUS, A. S., Atlas 57f2; Rattr. Cosc. p. 453; Del. S. p. I203;
 INTERLINEATUS, Rattr. Cosc. p. 505-If5; Del. S. p. I203;
 INTERMEDIUS, E.-Mik. p. 33-13f3; Rattr. Cosc. p. 305; wolle pl. 74f13;
 Del. S. p. I305; (C. radiolatus, p. p.) --
 INTERMIXTUS, Rattr. Cosc. p. 533-If13; Del. S. p. I273;
 INTERSECTUS, Brun. I39Ip. 22-20f5; Del. S. p. I224; (C. coudensis.) -
 INTUMESCENS, Pant. Ip. 74-2f17; Rattr. Cosc. p. 390; Notar. I333p. 319;
 Pant. 2, p. I20; Del. Syll. p. I297;
 " v. interrupta, Pant. 2, p. I20; Del. Syll. p. I297;
 IRRADIATUS, Harting Banda p. 3-If1; (C. elegans.) --
 IRREGULARIS, Rattr. Cosc. p. 456; Del. S. p. I205; (C. Pacificus, Cast.) -
 IRRORIATUS, Cast. Med. I330p. 7; Notar. I333p. I30; Del. S. p. I301;
 ISOLATUS, E.-Mik. p. 33-17f3; wolle pl. 74f5; Rattr. Cosc. p. 43; Grun. p. 330; Italy; Atlantic City; Del. S. p. I224;
 JANUS III, A. S., Atlas 58f10; 34f3, 4; Jan. Gaz. pl. 4f3, 5; Grun. I334p. 24;
 Rattr. Cosc. p. 545; Del. S. p. I234; Jac. 188p. 201-2f1; (C. marginatus, Jan.) --
 " v. Arafurensis, Grun. I334p. 24; Rattr. Cosc. p. 544; Del. S. p. I234;
 (C. Arafurensis, p. p.; -C. elegans, p. p.) -
 " v. Monicæ, Grun. I334p. 24; (Cosc. M.) -
 JANUS, Cast. I337p. I57-2f2; Del. S. p. I303; (A'eyelus.) ---
 JAPONICUS, E.-Abh. Ber. I372p. I93; Rattr. Cosc. p. 307; Del. Syll. p. I307;
 JAPONICUS, Pant. 3p. 7-If10; Del. S. p. I305;
 JAVANENSIS, Grun. -Cl. & M. No. I45; Rattr. Cosc. p. 307; Del. Syll. p. I303;
 (C. germifer.)
 JOSEPHINUS, Grun. I334p. 23-3f16; Rattr. Cosc. p. 545; Del. S. p. I203;
 JIMBOI, Pant. 3p. -4f54; Del. S. p. I305; (C. elegans.) --
 JOHNSONIANUS, Grun. -Rattr. Cosc. p. 453; Del. Syll. p. I207; (C. coudensis.) -
 KINKERIANUS, Witt I333p. I3-3f1; (C. robustus.) --
 KOCHII, Pant. Ip. 71-22f197; 2p. II3-29f412; Rattr. Cosc. p. 539;
 Notar. I333p. 319; Del. Syll. p. I293;
 KRYOPHILUS, Jan. Gaz. pl. 3f3; Grun. I334p. 29-3f21; Rattr. Cosc. p. 492;
 Del. S. p. I200;
 KURZII, Grun. -Atlas II3f17; Rattr. Cosc. p. 564; Del. S. p. I273;
 KUSNETZKIANUS, Pant. 3p. -29f425; Del. Syll. p. I303;

+ Kutzingii,

- 1770, 1771, 1772, 1773, 1774, 1775

lineatus, cl. 1894(3) t. 2 p. 6, 8, 22: (b. polyph. ordus) Mik. 18, 33:
" 2, 23 6:
35A-1777:

- KUTZINGII, A.S., Atlas 57ff17, 18; Grun. 1334p. 32; Rattr. Cosc. p. 451;
 Malaisie; Del. Syll. p. 1222: (C. marginatus, A.S.) -
 " v. glaciatus, Grun. 1334p. 32-41f5; Rattr. Cosc. p. 431; Del. Syll. 1222;
 LABYRINTHUS, Roper, Q.J.M.S. 1353p. 21-3f2a, b; Plut. p. 331; Mull; Gall. p. 93; Cl. & M. No. 2752; Grun. 1331p. 21; Rattr. Cosc. p. 471; Del. Syll. 1211;
 " v. biscuitus, A.S., Atlas 59ff14: (Cosc. b.) -
 LACUNOSUS, Grove. - Rattr. Cosc. p. 503; L.D. Vol. II. 22-3f4; Del. S. p. 1273;
 LACUSTRIS, Grun. 1334p. 33-41f5; Cl. & M. 172; 1334p. 114; Vega p. 439;
 1391p. 63; V. A.S. p. 215 - "C" 141; 1. 355; Villef. p. 77; Rattr. Cosc. p. 531;
 Del. S. p. 1290: - (Cyclotella (Stephanodiscus) nebulosa; - Stephanodiscus) ---
 " v. Australiensis, Rattr. Cosc. p. 532; Del. S. p. 1291: (Cosc. A.) -
 " v. hyperborea, Grun. - Rattr. Cosc. p. 531; Cl. & M. 189p. 315-316; Vega
 p. 439; Del. Syll. p. 1291: (Cosc. h.)
 " v. marina, Grun. - Cl. & M. 172; Vega p. 439; Rattr. Cosc. p. 532;
 Del. Syll. p. 1291:
 " v. septentrionalis, ^{me}Perag. Villef. p. 77; Rattr. Cosc. p. 531;
 Del. S. p. 1291: *Cestrum 1897p. 345*: (Cosc. S.)
 LANCEOLATUS, Castl. 1337p. 164-17ff19; Rattr. Cosc. p. 599; Notar. 1339p. 752; Del. S. p. 1241:
 LENTIGINOSUS, Jan. Gaz. p. 111, 2; ¹⁵⁴⁷Atlas 53ff11; Grun. 1334p. 29; Cl. & M. No. 207; Castl. 1337p. 160-3f4; Rattr. Cosc. p. 491; Del. S. p. 1255;
 " v. maculata, Grun. - Cl. & M. No. 133: (Cosc. l.) -
 LEPTOPUS, Grun. - V. A.S. p. 131ff5, 6; Jan. Gaz. p. 154; Rattr. Cosc. p. 475;
 Cl. & M. 114; Woll. pl. 90f6; Del. S. p. 1219: - (C. lineatus, v. - C. Macrasteris)
 " v. discrepans, Rattr. Cosc. p. 476-2f3; Del. S. p. 1219:
 LEWISIANUS, Grev. - T.M.S. 1366p. 73-3f3-10; Atlas 65ff12; Atlantic City; Pant. p. 70-25f232; 2p. 119; Rattr. Cosc. p. 593; Woll. pl. 94ff13; Del. Syll. p. 1302;
 " v. Moronensis, Rattr. Cosc. p. 593; Del. S. p. 1302:
 " v. similis, Rattr. Cosc. p. 593-3f10; Del. Syll. p. 1302;
 LIMBATUS, E. - Abh. Ber. 1340p. 206; W.B. p. 131; Mg. pl. 20-1f29a, b; W.S.A. p. 122; A.J.S. July 1355p. 1; Plut. p. 329; Rab. Alg. 2434, 2435; Jan. & R. p. 7-4f1; Atlas 65f7: (C. marginatus; - Eupodis tessellatus) ---
 LINEATUS, E. - Woll. 1334p. 76; 1340p. 55-5f4; Jan. p. 371, 18. 1-3f2a; 3-7f7, 3; Mg. pls. 35A-13f3; 39-3f21; Nord. p. -2f19; A.J.S. 1342p. 95-2f12; July 1356p. 1; W.B. p. 131-1f10; W.S.A. p. 123; Breb. D.C.: Rab. Alg. 2431-2433; Weisse 1354p. 240-1f2; Ga. p. 303-1f20; Italy; Plut. p. 330; Jan. Ga. p. 20-1a, f4; Cl. 1363p. 217; 1367p. 352; Java p. 4; 1373p. 13; Vega p. 503; Grun. 1363p. 26; Flogel, Baltic; Eiben, 1371; Sm. Sp. 7. 35; O'M.I. D. p. 264; Malaisie; Pet. Cat. p. 33; Nimrod; Fortm. Cey. p. 35; Lag. 1375 p. 11; Jan. Gaz. pls. 4f3; 20f14; Atlas 59f23-32; 114f13; V. A.S. p. 217-13f3; Shark River: Witt 1335p. 23-10f6; Brun & T. p. 71; Atlantic City; Mobile; Rattr. Cosc. p. 472; Pant. 2, p. 119; Woll. pl. 37f10; Del. Syll. p. 1216: *Petit, Cap Horn*: (C. Ehrenbergii & leptopus) ---
 " v. oculata, Petit Nimrod p. 7-3f5:
 " v. tenera, Witt 1333p. 14-2f2; Cl. & M. 1542p. 1: (C. angustata - lineatus)
 LINEOLATUS, E. - Abh. Ber. 1372p. 143; Rattr. Cosc. p. 507; Del. S. p. 1305:



- LIOCENTRUM, E.-Abh.Ber.1870p.53, pl.2-2f9; Rattr.Cosc.p.535; Wollé,
pl.33f50; Det.Syll.p.1259;
- LONGISPINUS, Grun.-Cl. & M.273; Det.S.p.1306;
- LUCTUOSUS, Grove.-Atlas 143f3; Rattr.Cosc.p.513-3f3,9; Det.S.p.1247;
- LUDOVICIANUS, Rattr.Cosc.p.596; Det.S.p.1300; (C. ischia antiqua.)-
- LUNAE, E.-Abh.Ber.1844p.201; Mg.pl.35A-21f7; K.S.A.p.124; Prt.p.
828; Rattr.Cosc.p.567; Det.S.p.1230; (C. cyclosteres.)-----
- LUNATUS, Grove Mss.; Rattr.Cosc.p.522; Det.S.p.1250;
- LUTESCENS, Rattr.Cosc.p.536-2f2; Det.S.p.1260;
- LUXURIOSUS, Rattr.Cosc.p.455-1f13; Det.S.p.1203;
- MACRAEANUS, Grev.-T.M.S.1865p.46-5f4; Rattr.Cosc.p.463; Atlas 143f6;
Det.S.p.1214; (C. leptopus.)--
- MACROPORUS, Grun.1834p.32-4f25; (C. Molleri, v.)--
- MACULATUS, Grun.-Cl. & M.No.133;
- MARGARITACEUS, Cestr.1837p.164-13f3;
- MARGINATO-LINEATUS, A.S., Atlas 59f33; Rattr.Cosc.p.474; Wollé 94f13;
Det.Syll.p.1217;
- MARGINATUS, E.-Abh.Ber.1841p.142; 1870p.26; Amer.p.124; Mg.pls.13f44;
33-12f13; 33B-22f3; Nord.p.21-2f21; K.B.p.131-1f7; K.S.A.p.123; Gar.
Gu.p.19-1a,f20; 2b,f4; Weiss 1854p.243-3f33; Gu.p. -1f21; Prt.p.
329; Breb.D.C.: Roper, Thames; Italy: O'M.I.D.p.264; Schm.N.D.p.94-
3f35; Sm.Sp.1.94; Atlas 62f1-5,9,11,12: 69f11; Fortm.Cey.p.67; Cl. &
M.sub Nos.114,164,215; Grun.1834p.20; Brun & T.p.71; Rattr.Cosc.p.
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- " var. "b", E.-Abh.Ber.1844p.73;
- " v. decussata, Rattr.Cosc.p.511; Det.S.p.1242; (C. robustus, v.)
- " v. intermedia, Rattr.Cosc.p.511; Det.S.p.1242; (C. 1861818, v.)
- " v. latemarginata, Pant.1p.70-22f201; Rattr.Cosc.p.511; Det.S.p.1242;
- " v. SUBMARGINATA, A.S., Atlas 62f4; Grun.1834p.20; (C. 1861818, v.)
- MARGINULATUS, Grun.-Rattr.Cosc.p.501; Det.S.p.1236; (C. cyclostella.)--
- " v. Campanella, Grun.-V.H.S.pl.94f33; Rattr.Cosc.p.501; Wollé,
pl.94f25; Det.S.p.1236; (C. 1861818, v.)
- " v. ciliato-striata, Grun.-Atlas 57f5; V.H.S.pl.94f32; Rattr.Cosc.p.
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- " v. Gallopagensis, Grun.-V.H.S.pl.94f30; (Cosc.marg.)---
- " v. sparsa, Grun.-V.H.S.pl.94f31; Rattr.Cosc.p.501; Det.S.p.1236;
- " v. stellulifera, Grun.-V.H.S.pl.94f34; Rattr.Cosc.p.501; Wollé pl.
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- MARYLANDICUS, Grun.-Cl. & M.216; Rattr.Cosc.p.503; Det.S.p.1237;
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752; Det.S.p.1205;
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- v.apiculata, A.S., Atlas 59f20; Rattr.Cosc.p.520; Det.S.p.1249;
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- NORMANNYII, Greg.-J.Q.M.S.1359p.30-3f3; Prit.p.330; Carr.p.93; Mill; Jan.Gaz.5f3; O'M.I.2.1.132; Cl.1373p.31; V.1.1.1.131f1; Det.S.1.501; - *Atlas 59f10: Petit, Cap Horn* (C.fasciculatus, Normannii, Normannicus; -C.subtilis, v.: -Odontodiscus.)--
- NOTABILIS, Rattray Cosc.p.533-2f3; Det.Syll.p.1295;
- NOTTINGHAMENSIS, Grn.-V.1.S.pl.129f2; Atlantic City; Rattr.Cosc.p.453; Woll.1.94f24; Det.S.p.1205;
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- OBLONGUS, Grev.-T.1.S.133p.4-1f9,10; Atlas 53f10,11; W. & C.21.4-5f4; Woll.133p.14-2f16; Rattr.Cosc.p.537; Det.S.p.1233;
- OBNOBILIS, Rattr.Cosc.p.507; Det.S.1.1210; (C.immaculatus, C.13f13.)-
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- v.circularis, Rattr.Cosc.p.533; Det.Syll.1.1231;
- OBVERSUS, Rattr.Cosc.p.534; Atlas 50f14; Det.S.1.1271;
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" v. subtilis, Rattr. Cosc. p.435; Atlas 57f14; Del. S.p. 1226:
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PYXIS, E.-Mik. pl. 33-13f3x; Rattr. Cose. p. 601; Det. Syll. p. 1304;
(Gaillonella sculpta).--
RADIATUS, E.-Abh. Ber. 1340-3f1; 1370p. 23, 11.2-1f24; Ann. p. 123; M. pl. 1.
19f1; 20-1f27; 2f11; 2f13; 33-1312, 2x; 33-1313; 33A-1f16; 39-3f17;
Nora. p. 24-2f17; A.J.S. 1342p. 95-2f14; K. S. p. 102-II13; K.S.A. p. 124; S.
B.D. p. 23-3f37; Prit. 1352p. 1. 14139; 1351. 330-1f10, 40; wolle 1334p.
240-1f1; G. p. 12-1f25; Bail. Coll.: Breb. D.C.: Verm. p. 10; M.D. pl. 13f
32; T.M.S. 1350p. 43-2f22; Edw. N. p. 1. 1f10; Jan. G. p. 19-1f, 121; T.M.S.
p. 34, f4; Hib. p. 36; Grun. 1333p. 26, 104; 1373p. 27; 1334p. 19-3f4, 7; N.
& R.S. p. 70; R. Alg. Eur. Nos. 2263, 2437, 2437; K. Alg. Germ. 902; Cl. 1337p.
362; 1333p. 213; Nares: 1373p. 5; 1373p. 13; Cl. & M. II4 Nos. 57,
155, 207, 218, 257 sub; 1351p. 1, 3111; V. p. 433, 500; 1351p. 1, 1;
O'M. Erg.: I.D. p. 262; Lagr. 1373p. II: Atlantic City; A. Schm. N.D. p. -
3124; Atlas 6015-7, 9, 10; 32f13; 35f3; 11013; Shark River; A.J. 1377
p. 101; M.T.P. 4-2-3; Contr. Cey. p. 37; S. S. p. 93; V. L. S. p. 213-1213;
T. No. 529; J.R.C. 1335p. 176; 1337p. 137; G. p. 13; 1337p. 13;
71; Castr. 1337p. 165; Perag. p. 73; Villef. p. 76; Rattr. Cose. p. 514; Pant.
2, p. 116; wolle pls. 31f7; 9013; 1337p. 13; 1337p. 13; A. S. p. 1334p.
330 cum icon; Det. Syll. p. 1241; J.R. 70. 3. 1337p. 667-9f13-2f13
(C. ar. is, A.S., -Casp. is & 1337p. 13; -Parithyia denaria.)--
" forma heterosticta, Pant. II. 70-20f134; 2, p. 116; (C. m. 1337p. 13)
" v. abyssalis, Castr. 1337p. 165-29f2, 11, 15; Rattr. Cose. p. 513;
Villef. p. 73; (Var. subaequalis).--
" v. asteromphalus, Grun.-V. H. S. p. 217; (Cose. a.)

- v. *concinna*, V. d. S. p. 217; (Cosc. c.) -
v. *crassa*, Wall. - Rattr. Cosc. p. 513; Det. Syll. p. 1247;
Vill. p. 73; Det. S. p. 1247;
v. *glacialis*, Rattr. Cosc. p. 513; Det. Syll. p. 1243; -(C. borealis, p. 1.) ---
v. *irregularis*, Grun. 1334 p. 20; V. d. S. p. 1201; Rattr. Cosc. p. 513;
Det. S. p. 1243;
v. *media*, A. S., Atlas 50 f 10; Grun. 1334 p. 20-3 f 2; Atlas II 3 f 2 I;
Det. Syll. p. 1243; *Petit, Cap Horn*
Rattr. Cosc. p. 513; (C. radiatus, p. 1. - C. radiolatus, p. 1.)
v. *minor*, Rattr. Cosc. p. 517; Det. S. p. 1243; -(C. radiatus, v. *parva*, *advinis*)
v. *oculis-iris*, V. d. S. p. 217; (Cosc. oc. - i.) ---
v. *parva*, Grun. 1372 p. 1. 4 f 10; 1334 p. 20; -(C. *advinis*, *minor* & *parva*.)
v. *subaequalis*, Grun. 1334 p. 20-3 f 3; Atlas II 3 f 15; Rattr. Cosc. p. 513;
Part. p. 70-22 f 20; 2, p. 113; Det. Syll. p. 1247; (V. *arjocollis*.) ---
RADIOLATUS, L. - Zool. p. 1. 3 f 19; 2-3 f 3; 1, p. 12. 13 f 23; 2 f 4; 3 f 10; 4 f 10;
W. B. p. 132-29 f 9 I; V. S. A. p. 124; Italy: *weisse* 1354 p. 24 I-1 f 17; Gr. p. 1. 1 f 23;
Prit. p. 330; Jan. & R. p. 3-4 f 10; Gr. p. 20-26, f 17; R. d. S. p. 34; 1 f 10;
Kerg.; I. O. p. 262-26 f 22; Atlas 57 f 47; 50 f 11; *Petit Nimbo*; Cat. p. 39;
Rattr. Cosc. p. 505; Woll. p. 1. 94 f 3; Det. S. p. 1305;
(C. *radiatus*, v. 1. - C. *interlatus*, p. 1. - C. *radiolatus*, p. 1.) -
RADIOPUNCTATUS, Harting Banda 1. 3-1 f 3; Rattr. Cosc. p. 594; Det. S. p. 1. 100;
RADIOSUS, Grun. 1334 p. 20; Jan. Gaz. p. 1. 5 f 9; 3 f 4; V. d. S. p. 1. 132 f 7; J. R. C.
1337 p. 33; Rattr. Cosc. p. 520; Woll. p. 1. 94 f 11; Det. S. p. 1249; -(C. *villaris*)
v. *Kerguelensis*, Rattray Cosc. p. 521; Det. Syll. p. 1249;
REGINA, Wall. - J. R. M. S. 1379 p. 333; Det. S. p. 1305; -(C. *regius* & *rex*.) -
REGIUS, Grun. - J. R. M. S. 1378 p. 415;
RHOMBICUS, Cestr. 1337 p. 1. 10-12 f 12; Rattr. Cosc. p. 513; Atlas 1. 10 f 1;
1753; Det. S. p. 1237; (Stoschia *admirabilis*.) ---
REX, Wallich. - J. R. M. S. 1379 p. 333; Pet. liste p. 74; Atlas II 4 f 7; Rattr.
Cosc. p. 533; Det. Syll. p. 1231; (C. *regina*.) ---
RHOMBICUS, Cestr. 1337 p. 1. 14-22 f 11; Atlantic City; Det. S. p. 1231;
(C. *pinetatus*, v.) ---
RHOMBICUS, Grun. - Rattr. Cosc. p. 533; (Cosc. *rhombicus*.)
ROBUSIUS, Grev. - J. M. S. 1333 p. 3-1 f 3; London Clay; Jan. Gaz. 4 f 10, II; J. R.
C. 1335 p. 175; Atlas 52 f 5, 6, 10, 17; Grun. 1334 p. 20; Witt 1333 p. 14-3 f 5;
Atlantic City; Sm. Sp. 1. 99; Rattr. Cosc. p. 511; Woll. p. 1. 37 f 15, II; Part.
2, p. 117; Det. Syll. p. 1243;
(C. *Vinkeriandus* & *velatus*; - C. *marginatus*, v. *submarginatus*.) ---
v. *amoena*, Brar & T. p. 71;
v. *fragilis*, Rattray Cosc. p. 512; Det. Syll. p. 1. 11;
v. *intermedia*, Grun. 1334 p. 20; (C. *marginatus*, var. i.)
v. *Kittoniana*, Rattr. Cosc. p. 512; Det. S. p. 1243;
RUBRUS, Grun. 1334 p. 20; 1334 p. 20-3 f 10, 11; 1, p. 12. 13 f 23; 2 f 4; 3 f 10; 4 f 10;
2 f 3; 1. Nov. 52, 53; Vill. p. 73; Rattr. Cosc. p. 513; Det. S. p. 1247;
(C. *subtilis*, var. R. - *asterostropharia*.) - *Petit, Cap Horn*;
v. *actinocyclus*, Rattr. Cosc. p. 503; Det. S. p. 1237; (Cosc. a.)
v. *grandiscula*, A. S., Atlas 57 f 20; Rattr. Cosc. p. 503; Det. S. p. 1237;
v. *Singaporensis*, Rattr. Cosc. p. 503; Det. S. p. 1237;
v. *Bengalensis*, Grun. - *Petit, Cap Horn*. Sm. 1334 p. 29

+ Sol, M. M. J. 1877 p. 63-172 f 6.

* Stellaria, Cl. 1897 p. 23. (C. subtilis, Cl. p. 20; - C. symbol, G. p. 21)

- ROTULA, Grun.-Atlas 57f3,7; Rattr.Cosc.p.553; Woll. pl.94f17;
 Det.Syll.p.1230:
 RUDIS, Cast.I.37f.162-22f4; Rattr.Cosc.p.501; Det.Syll.p.1205;
 (Stephanopyxis.)---
 SARMATICUS, Part.I.74-3f32; Rattr.Cosc.p.45; Woll. pl.94f18;
 Det.Syll.p.1233;
 SCINTILLANS, Grun.-M.J.1333f.320-9f3; Sm.Sp.7.99; Villaf.p.75;---C.
 Apollinis:---A.Schm.M.D.p.94-3f33--C.Apollinis, var.)--
 SECERNENDUS, A.S., Atlas II4f1; Rattr.Cosc.p.553; Woll. pl.90f2;
 Det.S.p.1274;
 SEMIPENNATUS, Grun.1334f.31; Atlas 57f32; Rattr.Cosc.p.434;
 Det.Syll.p.1225;
 SENARIUS, A.S., Atlas 57f24; Atlantic City; Rattr.Cosc.p.505;
 Det.S.p.1255;
 SEPTENTRIONALIS, Grun.1334f.33-4f2,33; (C.lacustris, v.)-
 SIMBERSKIANUS, Grun.1334f.29; Atlas II3f11,12; Rattr.Cosc.p.439;
 Part.2, p.113; Det.S.p.1223;
 " v.irregularis, Part.2f.113-30f419; Det.S.p.1229;
 SINENSIS, O'M.-M.J.1379p.122; Rattr.Cosc.p.501; (C.aurora & mirificus.)
 SMITHII, O'M., I.D.p.262; Rattr.Cosc.p.505;-(C.minor; -Melos.navalis.)--
 SOL, Woll.-T.M.S.1330f.33-2f1,2; Prit.p.330; Atlas 53f45; V.I.S.pl.
 129f3; Grun.1334f.32; Rattr.Cosc.p.455; O.S.1330f.111; Woll. pl.74f2,4;
 Det.S.p.1212;-(Cestodiscus; -Planktonella.)--
 " var., A.S., Atlas 53f41,42(46-48=C. excent.) (C.501) -
 SPHAEROIDALIS, Rattr.Cosc.p.451-1f15; Det.S.p.1201;
 " v.eincta, Rattr.Cosc.p.451; Atlas 53f6; Det.S.p.1202;
 SPINIFER, Gro. & Start.-Bot.Cent.1333p.35; Atlas 134f2; Rattr.Cosc.
 p.535; Det.S.p.1293; (C.elegans, v.)-
 SPINULIGER, A.S., Atlas 53f3; II3f9; Rattr.Cosc.p.564; Det.S.p.1273;
 (C.asteromphalus, v.)---
 SPINULOSUS, E.-Abh.Ber.1345p.154; Mg.pl.33B-22f9; Rattr.Cosc.p.455;
 Det.S.p.1206; (Stephanopyxis.)
 SPIRALITER-PUNCTATUS, Part.2f.119-15f266; Det.S.p.1301;
 SPLENDICULUS, Rattr.Cosc.p.576; Det.S.p.1236;
 (Cosmoidsiscus Normannianus)---
 SPLENDIDUS, Grun.-T.M.S.1335f.44-5f3; Atlas 55f11; Rattr.Cosc.p.453;
 Det.Syll.p.1211;
 STELLARIS, Roper.-O.J.M.S.1353f.21-3f3; Prit.p.323-5123; Carr.1.93;
 O'M.I.D.p.261; Rattr.Cosc.p.493; Atlas 164f4; Det.S.p.1231;
 " v.fasciculata, Cast.I.37f.155-3f2; 5f9; Rattr.Cosc.p.493;-(C.stell.)
 " v.Mejillonis, Grun.1334f.30; Rattr.Cosc.p.494; Det.S.p.1232;
 STELLIGER, Grun.-Atlas 53f10; Rattr.Cosc.p.533; Woll. pl.94f19;
 Det.Syll.p.1230;
 STOKESIANUS, Part.I.73-27f257; 2,f.120; Rattr.Cosc.p.457; Det.Syll.
 p.1206; (Cestodiscus.)
 " forma Balajickiana, Part.I, p.73; Grun. Rattr. Cosc. p.458
 " minor, Grun. - Part. I p. 73;-(C. Stok.) Rattr. Cosc. p.457

subtilis, E. - Cl. 1896 (3) 1^o, 5; (C. stellaris.)

- STRIATUS, K.B.p.I31-I33; V.S.A.p.I22; Prit.p.329; Jan.&R.p.3-4f4;
Jan.Gu.p.20-Ia,f5; R.E.D.p.34; Eibef,I37I: Rattr.Cosc.p.603; Rabh.
Alg.Eur.I697 sub: (*Cyclotella* s., var. *intermedia*.)---
STRIGILLATA, Witt.-Atlas I33f20: (*Maynaldia antiqua*.)--
SUBANGULATUS, Grun.I334p.2I: Rattr.Cosc.p.520; Det.S.p.I243;
SUBARTICULATUS, Rattray.Cosc.p.454-IffI; Det.Syll.p.I294;
SUBAULACODISCIFORMIS, Rattr.Cosc.p.521; Atlas 57f3; Det.S.p.I243;
SUBCONCAVUS, Grun., Atlas 59f12, I3; 62fI7; Brun & T.p.7I; Malaisie;
Rattr.Cosc.p.466; Wollé pl.3IfI0; Det.S.p.I213;
" v. *tenuior*, A.S., Atlas 59fI5; Rattr.Cosc.p.457; Det.S.p.I213;
SUBDIVISUS, Witt I333p.I4-2fI3; Rattr.Cosc.p.537; J.D.C.I390p.203;
Det.Syll.p.I294;
SUBGLOBOSUS, Cl. & Gr.-Grun.I334p.32-4fI9, 20; Atlas 58f44; Cl.Vega p.
433; Nares; Cl. & M.I72, 302, 319; Rattr.Cosc.p.43I; Det.S.p.I223;
SUBLINEATUS, Grun.I334p.30-4fI2I, 22; Atlas I33f7; Rattr.Cosc.p.477;
Det.S.p.I217: (*C. excentricus*, v.)--
SUBMITIDUS, A.S., Atlas 58fI6; Rattr.Cosc.p.45I; Det.Syll.p.I206;
SUBNOTABILIS, Rattr.Cosc.p.539-I3; 2fI3; Det.S.p.I296;
" v. *marina*, Rattray.Cosc.p.539; Det.Syll.p.I296;
SUBOCULATUS, Rattr.Cosc.p.533; Atlas 6If5; Wollé pl.90fII;
Det.S.p.I273;
SUBSALSUS, Darnf.p.47-3f33; Rattr.Cosc.p.593; Det.S.p.I293;
SUBTILIS, E.-~~Abh.~~ p.4I2, pls.I-3fI3; 3-7f4; Mik.pls.I3f35a,b; 33-I3f4;
33-I3f7; 34-7f5; 35A-2fI5; 35A-23f5; Abh. Ber.I360p.I3-2-Iff; 3-Iff;
Nord.p.24-2fI6; K.B.p.I32-IffI; V.S.A.p.I24; A.J.S.July I356p.I: M.
J.I359p.3I; Rabh.Alg.Eur.Nos.2I42, 2437, 2553; Prit.p.330; Weisse Gl.I.
pl.Iff27; Jan.Gu.p.20-Iff2; Gaz.pl.2f3; 4fI, 2; 5f5, 7; 6fI, 5; 20f5;
Eul.Sp.T.Nos.30, II5; Jan.&R.p.4-Iff2; Neudauer p.I96-3f53; London
Clay; N. & R.S.p.70; R.E.D.p.34; O.M.Verg.: Atlas 57fII-I4, 23, 29; 53f
37; Malaisie; Sp.Sp.T.No.100; Petit Cat.p.39; Nimrod; Cl. & M.Nos.57,
I25, I34, 207, 257, 253, 319; Nares; I330p.I5; I373p.3; Vega p.433; Grun.
I373p.24-4fI7; I334p.29-3f23; A.J.M.I377p.I03; I373p.I33, 247; V.1.
S.p.2I3; T.Nos.5I9, 520; Brun & T.p.7I; Villef.p.73; Shark River;
Witt I335p.24; Rattr.Cosc.p.494; Wollé pl.94f3, 9; Det.S.p.I202; *
(*C. normannii*; -*Melosira meridionalis*.)--- *Petit, 1902*
" vars., A.S. Atlas 57fI5, I6; *Grun.* I334pp.30, 56;
" v. *glacialis*, Grun.I334p.56-3f27: (Cosc.g.)-
" v. *lineolata*, Rattr.Cosc.p.497-IffI6; Det.Syll.p.I233;
" v. *NORMANNII*, V.4.S.p.2I3: (Cosc.N. & fasciculatus.)-
" v. *Rothii*, V.4.S.p.2I3: (Cosc.R.: -*teterostephanis*.)---
" v. *scabra*, Rattr.Cosc.p.497-3f3; Det.S.p.I233;
" v. *Strobilata*, Grun.-Cl.I330p.III; Rattr.Cosc.p.493; Det.S.p.I233;
SUBTILISSIMUS, E.-Abh.Ber.I36I p.23I: Rattr.Cosc.p.407; Det.S.p.I207;
SUBVELATUS, Grun.-Atlas 65f9; Wollé pl.90fII: -(*C. hercynicus* & *longistis*.)
SUPERBUS, Grun.-Rattr.Cosc.p.493; Det.S.p.I207: -(*C. hercynicus* & *longistis*.)-
" v. *Moravica*, Rattr.Cosc.p.459; Det.S.p.I203: -(*C. hercynicus* & *longistis*.)--
" v. *Nova-Zealandica*, Grove.-Rattr.Cosc.p.459-2fI5; Atlas I4If7;
I33f3; Det.Syll.p.I205;

+ symptophorus, Gn. - (C. stellaris, f. de 2)

- SUSPECTUS, Jan.-Atlas 59f2; Grun.I834p.33; Rattr.Cosc.p.430; Wollf pl.37f7; Malaisie; Del.Syll.p.1222;
- SYMBOLOPHORUS, Grun.I834p.30-4f3-6; Atlas I33f1-3; Rattr.Cosc.p.492; Brun & T.p.71; Pant.2,p.II3; Del.S.p.1230; (Symbolophora, species omnes, see "trinitatis.")---
" v.Oamaruensis, A.S., Atlas I33f4,5;
- SYMMETRICUS, Grev.-T.M.S.I36Ip.33-3f2; London Clay; Atlas 57f25-27; Grun.I834p.29; Atlantic City; Brun & T.p.71; Malaisie; Rattr.Cosc.p.490; Wollf pl.94f2; Pant.2,p.II3; Del.Syll.p.1229; (C.Rothii, p.1.-C.Szontaghii.)
" v.denarius, A.S.-Cl. & M.I33 sub; (C.denarius.)--
- SZABOI, Pant.Ip.74-I3fI67; (C.Hungaricus, v.)---
- SZONTAGHII, Pant.Ip.72-I5fI33; 23f273; (C.curvatulus, v.genuina; -C.symmetricus.)----
- TABULARIS, Grun.-Rattr.Cosc.p.533; Grun.I834p.34; Del.S.p.1292;
- TABULATUS, Temp. & Br.-Atlas I64f1;
- TEMPEREI, Brun.-Atlas I33f9; Brun I89Ip.35-7f2; Del.S.p.1255;
- TENELLUS, E.-Abh.Ber.I354p.233; Prit.p.330; Rattr.Cosc.p.504; Del.Syll.p.1205; (C.cinctus.)--
- TENERRIMUS, E.-Abh.Ber.I372p.203; Rattr.Cosc.p.603; Del.S.p.1307;
- TENUIS, L.W.B.-B.O.N.A.I36Ip.333-7f7; (C.concinus; -Euphousus.)----
- TENUIS, Grun.-Rattr.Cosc.p.577; Del.S.p.1237; (Cosmodiscus.)
- TENUISCULPTUS, Rattr.Cosc.p.452; Del.S.p.1202; (Stoschia punctata.)
- THESKELOS, Rattr.Cosc.p.565-2f19; Del.Syll.p.1279;
- THUMII, Cl.-J.Q.C.I385p.175-I3fI7; Atlas II4f20; Rattr.Cosc.p.533; Del.Syll.p.1292;
- TRADUCENS, Rattr.Cosc.p.523; Del.S.p.1254; (C.nebula.)----
- " v.hispida, A.S., Atlas 53f33; Rattr.Cosc.p.529; Del.S.p.1254;
- TRANSYLVANICUS, Pant.3p. -3fI38; Del.S.p.1305;
- TRINITATIS, Rattr.Cosc.p.592; Del.Syll.p.1293; -(Cast. pitchellii & t.)-
- TROCHISKOS, Witt I383p.14-2f14; Rattr.Cosc.p.567; Del.S.p.1281;
- TUBERCULATUS, Grev.-T.M.S.I36Ip.42-4f3; Brun & T.p.71; Atlas 57f14; Grun.I834p.30; Rattr.Cosc.p.432; Del.Syll.p.1223;
" v.Moniceae, Grun.I834p.30-3f29; Atlas 57f40,41; Rattr.Cosc.p.432; Del.Syll.p.1223;
- TUBIFORMIS, Brun & T.p.34-7f3; Del.S.p.1215;
- TUNIDUS, Jan., Gaz.pl.1f3; Atlas 59f33,39; Malaisie; Grun.I834p.33; Rattr.Cosc.p.475; Del.S.p.1213;
" v.fasciculata, Rattr.Cosc.p.475; Del.S.p.1219;
- TURGIDUS, Rattr.Cosc.p.455; Del.S.p.1204; (C. ...)
- UMBONATUS, Greg.D.C.p.23-2f43; Prit.p.330; Jan.Ga.p.21-2f5; Carr.p.93; Rattr.Cosc.p.565; Del.S.p.1279;
- UMBONATUS, Cast.I337p.153-2f3; (C.umbonatus.)-
- UNCATUS, Cl.-Pant.Ip.74-9f39; 27f252; 2,p.120; Rattr.Rev.p.577; Del.Syll.p.1233; (A. ...)
- UNDULANS, Rattr.Cosc.p.552; Del.S.p.1270; (C.undulans, Cast.)
- UNDULATUS, Cl.-N.L.K.D.p.20-5f30; Rattr.Cosc.p.537; Del.S.p.1293;
- UNDULATUS, Cast.I337p.159-3f3; (C.undulans.)--

> vesiculosus, Br. - L. 2, n. 16 p. 76-6 f 21, 22: - (Stephanodiscus? -)

- VACUUS, Rattray Cosc.p.535; Atlas 53f29; Del.Syll.p.1259; -(Melosira.)-
 VARIOLATUS, Castr.1337p.155-2f5; (C.denariis, v.)-
 VARIUS, Schum.1337p.32-3f76; Rattr.Cosc.p.604; Del.S.p.1305;
 VELATUS, E.-Abh.Ber.1344p.78; Mik.pl.13f37; V.S.A.p.24; weisse Gl.p.
 -1f23; Prit.p.330; Atlas 32f10-12; Rattr.Rev.p.509; Italy; Wille
 pl.90f7, 8; III f12; Del.S.p.1241; (C.turpidus.)--
 VENULOSUS, Castr.1337p.162-17f1; Rattr.Cosc.p.457; Notar.1337p.754;
 Del.Syll.p.1200;
 VETUSTISSIMUS, Part.Ip.71-20f136; Cl.& M.sub Nos.57, 155, 156, 162, 164;
 Bot.Cblt.Vol.34, p.35; Rattr.Rev.p.477-2f17; Notar.1333p.621; Del.
 S.p.1220; (C.ina qualis.)
 v.enivaticulata, Grove Mss.; Rattr.Cosc.p.473; Cl.& M.155 57,
 164 sub; Atlas 163f6; Del.S.p.1220;
 VICINUS, Schum.1364p.61; (C.patina & radiatus.)---
 VIGILANS, A.S., Atlas 114f11, 12; Brun & T.p.71; Part.Ip.119; Rattr.
 Cosc.p.467; Del.Syll.p.1213;
 VULGARIS, Schum.1337p.32-3f74; Rattr.Cosc.p.605; Del.Syll.p.1305;
 (C.radius.)-
 WALLICHIANUS, Grun.-Cl.& M.No.183; Rattr.Cosc.p.603; Del.S.p.1277;
 WEISSFLOTHII, Part.2p.117-2f1356; (C.partocochli.)----
 WEISSFLOTHII, Rattr.Cosc.p.535-1f18; Del.Syll.p.1279;
 WEYPRUCHII, Grun.1334p.26-3f3; Rattr.Cosc.p.532; Del.S.p.1273;
 WHANPOENSIS, Grove.-Rattr.Cosc.p.497-1f24; Del.S.p.1233;
 WILLIAMSII, Part.2p.119; Del.S.p.1219; (C.lunatus, ...)---
 WOODWARDII, Eul.Sp.1.116; Atlas 60f8; 61f2, 3; 65f2; Malaisia;
 Brun & T.p.71; Wille pl.90f4;
 (C.apiculatus, var., & gigas. p.p.: -C.argus & Bolivienensis.)---
 ZEBUANUS, Grunow Mss.; (C.excentricus, v.)--
 ZONULATUS, A.S., Atlas 59f10; Rattr.Cosc.p.469; Del.S.p.1215;

COSCINOPLAEMIA. -(Ehr., 1857.)-

- , E., Mik.pls.31-217; (Mik. 1876 76) --, 30A-311: 13A-13 f17;
 ALTAICA, E., Mik.p.94; Del.Syll.p.1370;
 CISCOPLEX, E.-Mik.pls.15-1112; 30A-1311; 1.21; V.S.A.42125;
 Del.Syll.p.1370;

COSMODISCUS. -(Grev., 1866.)

- ARMATUS, Grev.Mss.:1336. (Grev. Eng.) (Coscinodiscus a.)--
 BATHYGENESIS, Grev.-T.M.S.1366p.30-3f12; J.O.C.1337p.177;
 CARCONENSIS, Eul.-M.T.1.1-1-10; (Strophodiscus.)---
 ELEGANS, Grev.-T.M.S.1366p.79-3f13; (Coscinodiscus mikomisos.)--
 IMPERFECTUS, Grun.1334p.17; Rattr.Cosc.p.604;
 (Ailacodiscus i. & suspectus.)---
 NORMANNIANUS, Grev.-T.M.S.1366p.30-3f11; J.O.C.1337p.35-3f21;
 (Coscinodiscus apages & splendidus.)-
 TENUIS, Grun.-V.H.S.pl.125f13; Wille pl.75f12; Part.2p.114-4f55;
 (Coscinodiscus.)--

CIRCULARIS, Brun, 189 Ip. 23-II f5: (Gutwinskiella.)----
 CLYPEOLUS, Brun, 189 Ip. 24-II f4: "
 CORONALIS, Brun, 189 Ip. 24-II f3: "

CRASPEDODISCUS.-(Grev., 1854)

--, London Clay:

ACTINOCYLUS, E.-Abh. Ber. 1872 p. 23: (Coscinoiscus.)----

ARAUCANIAE, E.-Mik. p. 296; Del. S. p. II 99:

BARBADENSIS, Rafs.-Prit. p. 939; Del. S. p. II 99:

CORONATUS, Brw.-M. J. 1860 p. 95-5 f7; Prit. p. 332, 939; (Asterolampra.)--

COSCINOISCUS, E.-Abh. Ber. 1844 p. 233; Mik. p. 133-134; 33-15 f3; Prit. p.

332-5 f30; M. J. 1860 p. 95-5 f4; Grun. 1863 p. 23, 194; Atlas 66 f1;

Del. Syll. p. II 99; D. J. M. S. 1877 p. 435; Witt 1833 p. 15-3 f1-3; 1833 p.

77 f1, 2; 35 f7; (C. & Coscino. pyxidicula; -Pyxidicula c.) 8. Dec. 1818 p. 174:

" var. "a", E., Mik. p. 133-134;

" var., Witt 1833 p. 15-3 f3;

" v. Nankootensis, Grun.-Atlas 66 f5; Atlantic City;

DISCOPLA, E.-Abh. Ber. 1872 p. 297; Nord. p. -2 f23; Del. S. p. II 200:

FLORANS, E.-Mik. Ber. 1844 p. 233, f12; Mik. p. 133-134; A. J. 1830 p. 33-1

4 f"0": W. S. A. p. 126; Prit. p. 332-II f33; M. J. P. 4-3-I; Atlas 66 f1;

Del. Syll. p. II 99; D. J. M. S. 1877 p. 435; Witt 1833 p. 15-3 f1-3; 1833 p.

77 f1, 2; 35 f7;

(Coscino. e. & craspedodiscus; -Pyxidicula coscino.)

FRANKLINII, D. J. M. S. 1873 p. 346; Del. S. p. II 99:

FRANKLINII, E.-Abh. Ber. 1853 p. 526; Mik. p. 135A-23 f6a, b; Prit. pp.

332, 939: (Hyalosiscus subtilis.)--

INSIGNIS, A. S., Atlas 66 f2; Del. S. p. II 99:

KLAUSENSII, Grunaler.-Atlas 184 f5:

MARGINATUS, Brw.-M. J. 1860 p. 95-5 f7; Prit. pp. 332, 939; (Asterolampra.)--

MARYLANDICUS, O. M.-M. J. 1877 p. 106; Del. Syll. p. II 99:

MICRODISCUS, E.-Mik. p. 133-17 f4; Prit. p. 332; Wollé p. 174 f5; (C. case.)

MOLLERI, A. S., Atlas 184 f3;

NICOBARICUS, E.-Mik. pp. 165, 172; Del. Syll. p. II 99:

OBLONGUS, Grun.-Atlas 66 f7-9: (Porodiscus.)--

OVALIS, Grun.-Atlas 66 f6: (Porodiscus splendidus, v.)----

PYXIDICULA, Brw.-M. J. 1860 p. 95, 139: (Coscino.)

RADIATUS, Weisse Guano p. 303-2 f"x"; Del. S. p. II 99:

RHOMBICUS, Grun.-Atlas 66 f13; Wollé p. 133 f5; Del. Syll. p. II 99:

SEMIPLenus, Brw.-M. J. 1860 p. 95-5 f12; Prit. pp. 332, 939;

(Asterolampra Brightwelli.)--

STELLA, E.-Abh. Ber. 1855 p. 233; Mik. p. 135B-4b, f11; Prit. p. 332, 939;

(Hyalosiscus stelliger; -Podosira maculata.)-

SUBTILIS, E.-Mik. 1856 p. 12;

TURGIDUS, E.-Abh. Ber. 1853 p. 266; Mik. 1856 p. 12; Del. S. p. II 99:

UMBONATUS, Grv.-I. M. S. 1830 p. 79-3 f15; Del. S. p. II 200:

WEISSE GUANO, Part. 3, -25 f39; Del. Syll. p. II 99:

- , Rabh. E.D.p. 35: -, DeLongi, Oss. Bac. p. 917; -, Greville, 1835. --
 COROLLA, Brun, & T.p. 34-414; Det. Syll. p. 1090:
 ELEGANS, Grove & St. - J.Q.C. 1837 pp. 64, 187-516; J.R.M.S. 1833 p. 919; Det.
 S.p. 1039; Ratti. Cosc. p. 675; Atlas 149 f20, 21; Notar. 1837 p. 345;
 (P. *obovata* interm. etc.) ----
 JOHNSONIANUS, Greville. - T.M.S. 1833 p. 39-4 f10; J.R.M.S. 1833 p. 913:
 Det. S.p. 1039:
 PANTOCSEKII, Brun, & T.p. 35-4 f13; Atlas 164 f11; Det. S.p. 1090; *arboresc.*
 RALFIIANUS, Grev. - T.M.S. 1833 p. 33-4 f9; J.R.M.S. 1833 p. 913; Det. S.p. 1033:
 TRUANII, Pant. Ip. 60-11 f92; 2, p. 100; Notar. 1833 p. 391; Det. S.p. 1039:
 " v. *squamosa*, Pant. Ip. 60; 2, p. 100; Det. Syll. p. 1090:

CRATICULA. ---- (Greville, 1868.) -

- EHRENBERGII, Grun. 1833 p. 20; Det. Syll. p. 313: (Spirinella craticula.) -
 HUNGARICA, Pant. 3p. - 23 f349;
 MEGALOPTERA, Grun. 1833 p. 20; Det. S.p. 313: (Spirinella m.) -
 PETOTIETII, Grun. 1833 p. 20-11 f21; Det. S.p. 313: {*provisoria* (p. 10) - (Spirinella m.) -
 PROCERA, Grun. 1833 p. 20; Det. Syll. p. 313: (Spirinella p.) -

CRESSWELLIA. ---- (Greville, 1868.) -

- , Grev. & Abbott, 1857: (Stephanopyxis, 20 allies & sections.) ---- 11.
 ANNULATA, Grev. - A.M.S. 1835 p. 4-5 f8: (Landeria ?) -
 BARBADENSIS, Grev. - T.M.S. 1835 p. 3-11 f11: (Stephanopyxis.) ----
 CYLINDRACEA, Grev. - T.M.S. 1835 p. 3-11 f10; Grun. 1834 p. 39:
 (Landeria annulata.) ----
 FEROX, Grev. - M.S. 1859 p. 133-3 f16, 17; Lewis. M. & R.S. p. 69: - (Stephanopyxis
 MINUTA, Grev. - T.M.S. 1835 p. 1-11 f15; Det. S.p. 1147: - (Stephanopyxis m.) --
 PALMERIANA, Grev. - T.M.S. 1835 p. 2-11 f9; Cl. Java p. 3; Grun. 1834 p. 33;
 Malaisie: (Stephanopyxis.) ----
 TURRIS, Grev. - T.M.S. 1835 p. 75-3 f7; Grun. 1834 p. 39: (Stephanopyxis.) --
 SPHAERICA, Grev. - T.M.S. 1835 p. 14-11 f12; Sm. Sp. 1. 337; Det. S.p. 1147:
 (Stephanopyxis turris.) -
 SUPERBA, Grev. - T.M.S. 1835 p. 33-3 f3-5; (Stephanopyxis.) -
 TURGICA, Grev. - M.S. 1859 p. 135-3 f14: (Stephanopyxis.) -
 TURRIS, Greg., D.C. p. 64-6 f109; Lagr. 1873 p. 14; Mull:
 Cl. 1873 p. 13: (Stephanopyxis Niejahri & c.) -

CRYSTALLIA. ---- (Sommerfeldt, 1827.) -

- PULVINATA, Sommerfeldt in Ag. Botan. Zeit. 1823:
 (Gomphonema constrictum, pinnatum & p.) ----

CTENOPHORA. ---- (Breb. 1849.) -

- PULCHELLA, Breb. in litt. 1849: (Syringia p. & verticillata.) -

CYCLOPHORA. ---- (Castr., 1878.) -

- TENUIS, Castr. 1873 p. 53-25 f3; Breoissonia 1873 p. 22-11 f1; A.P. Lincei Vol.
 31 - Italy: Sm. Sp. 1. 333; V. 1. S. pl. 36 f5; Cl. Vega p. 503; J.R.M.S. 1833
 p. 633; Det. Syll. p. 312; LeD. Vol. 21. 72: (Diatoma hyalinum, v.) ----
 " v. *tropica*, Grun. - V. 1. S. pl. 36 f5; Det. S.p. 312:

> americana, f.a.s. Atlas pl. 222 f 50-52: - (Stephanotricus?) -

+ antiqua, Fols. p. 440: atlas 224 f 45-48

+ comensis, Atlas 224 f 33-35

+ compta, E. - A. Cl. 1895 p. 37: Oestrup 1897 p. 347:
Atlas pl. 224 f 1-4, 13-25

iv, Bodanica, Euls. - V.H.S. pl. 93 f 10:

" var. Pantanelliana, Cestr. (a.s.) - Atlas 223 f 1-5: - (C. Pant.) -
(compare C. compta, v. radiosa)

" var. unipunctata, A.S. Atlas 224 f 5-12

" var. tenuis, A.S. Atlas 224 f 26-28

- , Am. Nat. 1838p. 510-13f14; A2, 1836
 --, Pfitzer p. 127: --, Tanarek 1879p. 59: Dalton, Oss. Bae. p. 914
 ACTINOCYCLUS, K.S.A. p. 20: Del. Syll. p. 1353: (Discopila? - Psixidicula.) -
 AFFINIS, Grun. - M.T. p. 4-3-3: (C. completa, var.) -
 AMBIGUA, Grun. - Cl. 1830p. 119-7f133; Del. S. p. 1352: (C. striata, v.) -
 + AMERICANA, K.S.A. p. 19: Del. S. p. 1357: Prit. p. 311: (Discopila.) -
 ANNULATA, Suringar 32p. p. 4-112; Heaw. Vol. 9p. 129; Grun. 1873p. 30:
 Del. S. p. 1355: (C. sinuata, v.) -
 ANTIOUA, S.R.D. 1p. 23-5f10; Mill: Prit. p. 311: Del. S. p. 1352: (C. sinuata, v.) -
 + OPM. I.D. p. 237-23f113; Cl. 1831. 3; Grun. 1873p. 29; 1881p. 37;
 1.339; V.A.S. p. 214-92f1: Kinnora; Lake Michigan; Wollé pl. 33f13, 19;
 Del. S. p. 1352: (C. operculata, v.: - Orthosira a. & opere.) -
 ASIATICA, Brin, & T. p. 35-4f16: Del. S. p. 1353: (Melosira Thunii.) ---
 ASTANA, K.S.A. 1p. 19; Prit. p. 312: Grun. 1873p. 31; 1881p. 37;
 34; M.T. p. 5-5-13; Cl. & M. No. 50; Dannf. p. 43; Strose, Kleiken:
 (C. rotula; - Stephanodiscus.) ---
 ATLANTICA, Ralfe, Prit. p. 312-15f3: Del. S. p. 1359: (Discopila.) ---
 ATMOSPHERICA, Ralfe, Prit. p. 312-15f1, 2: Del. S. p. 1359: (Discopila.) ---
 BELLA, A. Schm. N.D. p. 94-3f39; Grun. 1873p. 30; J.R.M.S. 1879p. 335:
 (Coscinodiscus.) ---
 BODANICA, Eul. Sp. T. 5; Grun. 1873p. 29; Wollé pl.
 110f5; Herib. p. 192: Del. S. p. 1353: *Atlas 224f29-32*: (C. completa, v.) ---
 CASATI, Cassi. Ital. 183. 133p. 3, No. 21; Ital. 1833: Italy: Ital. Vol. 1p.
 III: Del. Syll. p. 1355;
 CALIFORNICA, Grun. - Cl. & M. 276: Del. S. p. 1353;
 CASPIA, Grun. 1873p. 29-4f19; J.R.M.S. 1879p. 332: Del. S. p. 1359;
 CASTRACANIENSIS, Eul. Sp. T. No. 27: Sm. Sp. T. No. 101: Del. S. p. 1359;
 (Coscinod. polyrrhaptos.)
 CASTRACANII, Brin, 1891p. 24-22f9: Del. S. p. 1353;
 + COMENSIS, Grun. - V.A.S. pl. 93f16, 17: Italy: Herib. p. 192: Del. S. p. 1353;
 CRYPTA, K.S.A. p. 20: Prit. p. 311: Grun. 1873p. 30; V.A.S. p. 214-92f1-
 22; 1. No. 424; Italy: Cl. Vol. 2. 442: Lake Michigan; Wollé pl. 33f13, 19;
 33f30, 31; 33f20, 21; Herib. p. 191; Del. S. p. 1353: (C. completa, v.) -
 " var. affinis, Grun. - V.A.S. pl. 93f11-16, 11; Del. S. p. 1353: (C. completa, v.) -
 " v. arvena, Per. & Br. - Herib. p. 191-5f16:
 " v. glabriuscula, Grun. - V.A.S. pl. 93f14, 15; Del. S. p. 1353;
 " v. oligactis, Grun. - V.A.S. pl. 93f13, 19; Cl. & M. 174; Malaisia:
 Del. S. p. 1353: *Atlas 224f39, 40*: (Cycl. c.) -
 " v. radiata, Grun. - V.A.S. 1. 93f17; Del. S. p. 1353; *Atlas 224f38*:
 " v. radiosa, Grun. - V.A.S. p. 214-92f26; 93f1-9; 1. No. 475; Cl. 1891p.
 37: Del. S. p. 1353; *Atlas 1793*: (vide m. Pantanelli) ---
 CONCENTRICA, Meneg. A.N.D. p. 336: Del. S. p. 1359;
 COSCINODISCUS, K.S.A. p. 20: Prit. p. 311: Del. S. p. 1357;
 DALBASIANA, S.R.D. 2, p. 37: Prit. p. 315, 933; Carr. p. 91: Mill: R.M. 2p.
 33; Arnott Cycl. p. 245; OPM. I.D. p. 259; Grun. 1873p. 30; Sm. Sp. T. 102:
 J.R.M.S. 1879p. 334: (C. radiata, striata, stylonema)
 DENDROCHALTRA, Ralfe, Prit. p. 312: Del. Syll. p. 1359: (Discopila.) ---

Muvia, f. A.S. Atlas pl. 222 f 23, 24: - (Stephanotus?)

+ Hispanensis, A.S. Atlas pl. 222 f 33, 34;

+ Rutringiana, A.S. Atlas 222 f 1-7, 13

" forma major, D.H.S. pl. 94 f 6:

" var. radiosa, A.S. Atlas pl. 222 f 8;

" " planetophora, A.S. Atlas 222 f 9-12

" " melosira, A.S. Atlas 222 f 15-17

+ " " Schumannii, Atlas 222 f 18-21

Meneghiniana, atlas pl. 222 f 25-30;

- DENTICULATA, K.S.A.p.20: Defl.Syll.p.1357: (Discoidea.)--
 DIVES, K.S.A.p.20: (Actinotrychus, Discoidea, Strictoidiscus.)--
 > DUBIA, Hist. 1350p.70; Rabh. Al. Nos. 1022: 4 (Denticulata.)---
 FIMBRIATA, Castr. 1337p.141-13f13: Notar. 1339p.754; Defl.S.p.1355;
 GRANCA, Prit.p.3II: 1381; Defl.S.p.1357: (Cyclodiscus.)---
 " v. stelligera, L.-Italy: (Cyclodiscus.)---
 GRANULOSA, Gran.-V.H.S.pl.94f23; (Coseinodiscus.)
 HAUCKII, Gran.-V.H.S.pl.94f29: (Coseinodiscus.)
 HELVETICA, Kibler, ?
 > MILSEANA, Rabh.E.D.p.33; Defl.S.p.1357: (C. dubia.)--
 IRIS, Br. & Her.-Herib.p.224-3f1,3; *Atlas 222f37-41*;
 " v. coccconeiformis, Br. & H.-Herib.p.225-6f4;
 " v. ovalis, Br. & H.-Herib.p.225-3f2;
 IRREGULARIS, Gran. 1334p.40-5f3; Defl.S.p.1355
 KUTZINGIANA, Thw.-A.M.N. 1343p.9-11f10⁵; S.B.D. 1p.27-5f47; Front.; Ann.
 Sci. Paris 1349 Vol. I, pl. XI; Desmaz. Ed. 2, No. 103; K.S.A.p.13; R. Alg. No.
 1333; Prit.p.933: R.E.D.p.32; R.D. Ex. 22: B.S. 1. 1332p.301-1f1;
 D.pl. 14f22; Roper, Thames; Mull; Schum.H. 1p.31; Mull; N. & R.S.p.70;
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 Sm. Sp. 1. 103; Gran. 1373p.30; Strose Kleiken p.16-1f13a,b; Kinnor; Pet.
 liste p.26; Tanarek 1379p.30f40; Br. Alp. p.132-1f13; V.H.S.p.214-
 94f1,4,5; T.No.477: Belloc, Lichon; Delogne; Cl. 1391p.33; Parag. 1.77;
 Italy: Pet. 1333p.1.4f24; Wille pl.66f3,9; Defl.S.p.1353:
 (C. operculata, v. - C. pinnata.)---
 " var. "n" rectangula, K.S.A.p.19: S.B.D. 1p.27: (Cycl. 1.)--
 " var. Caspia Gran.-V.H.S.pl.94f10;
 " v. catalaunensis, Gran.-V.H.S.pl.94f9;
 " v. Meneghiniana, Br. Alp. p.134-; Belloc, Lichon: (Cycl. 1.)--
 + " v. Schumannii, Gran.-V.H.S.pl.94f2,3; Cl. 1391p.33: *Hel. 1895p.37*;
 LAEVIS, K.S.A.p.20: (Hyalodiscus.)--
 LIGUSTICA, K.B.p.50-1f4; K.S.A.p.19; Italy: -(C. Scoticus; Hyalodiscus.)
 MAMMILLA, K.S.A.p.20; Prit.p.3II: Defl.S.p.1357: (Discoidea.)--
 MARGINATA, Castr. Nova Contr. 1. Diat. Med. 1330p.3; Defl.S.p.1355;
 Notar. 1333p.129;
 MARGINULATA, ?
 MAXIMA, K.B.p.50-1f5; 2f6(b); K.S.A.p.19; Herbar. 1313. 1342;
 Prit.p.3II:
 MENEGHINIANA, K.B.p.50-30f33; K.S.A.p.19; Rab. Al. Nos. 332, 721; R.S.D.
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 E.D.p.33; Sur. Jap. p.4-1f1; Prollius pp.73, 103-2f3; Eiber, 1371; O'M.
 I.D.p.253-25f11; Gran. 1373p.30; Br. Alp. 134-; Sm. Sp. 1. 103; Mull;
 Papan; Hoffmann, Marburg; V.H.S.p.214-94f11-13; T. Nos. 473, 479; Italy:
 Jann. p.13; Cl. 1330p.119; 1331p.111; 1301p.37; Zorn, Cassel; Wille
 Wille pl.66f13-15; Parag. p.77; Herib.p.192; Atlas 131f91; Defl.S.p.
 1354: -(C. Kutzingiana, v. - C. pinnata; - Mammilla pinnata.)--
 " var., Kitton, Scozia.
 " var. "n" major, K.S.A.p.19: (C. pinnata or Mammilla.)---
 " v. Baileyi, Gran.-V.H.S.pl.94f15; Defl.Syll.p.1355:

Meneghinia, - var. plana, A.S. Atlas 222 f. 32

operculate, K. fr. t. 7, f. 1; Brit. Com. p. 20:
A.S. Atlas pl. 222 f. 42-47.

> parva, A.S. Atlas pl. 224 f. 36, 37

+ Stelligera,
" var. Cl. Hgn. - V.H.J. 94 f 27:

+ striata,
" var. bipunctata, A.S. atlas pl. 223 f 15-19:

> superba, A.S. atlas pl. 222 f 35, 36:

> Temperlei, Brun. - atlas pl. 224 f 41-44:

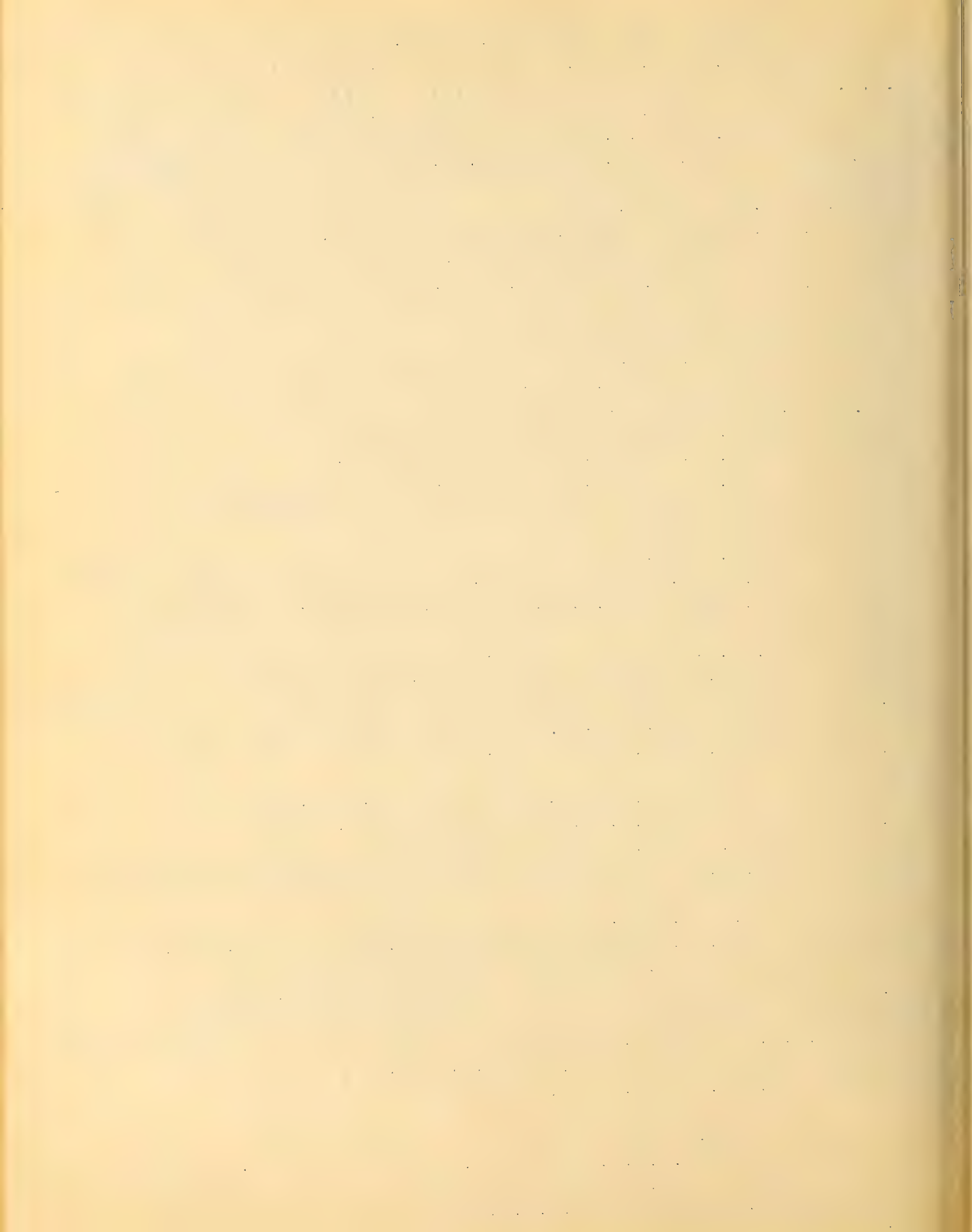
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- PYGMAEA, Pant. 3p. -2f22; 4f59; Del. S. p. 11. p. 1359: *Atlas 224f49-50*
- RADIATA, Bttw.-Q. J. M. S. 1330p. 96-3f11; Prit. p. 313; Sm. Sp. T. No. 340;  
M. T. P. 4-6-II: (C. C. Dallasiana; -Melos. sol. & r.)--
- RADIATO-PUNCTATA, Pant. 3p. -36f507: Del. S. p. 1353:
- RECTANGULA, Bttw.-R. S. p. 11: Prit. p. 311, 933-3f14; Del. S. p. 11: 1.  
O. ex. No. 110: J. J. C. 1370p. 11-113; Sm. Sp. T. 110; Cl. & M. 173; 21.  
(C. Katzingiana, operculata, v., & Meneghiniana, v.---)
- ROTA, V. S. A. p. 19: Prit. p. 312: (Discoplea; -Scotinella 11.)
- ROTULA, V. B. p. 50-2f4; V. S. A. p. 19; Will; S. p. 1. 1. 25-5f5; Prit. p. 312;  
Roper, Thames; Malaisie; Arnott Cycl. p. 247: N. & R. S. p. 70: Schum. 1352  
in lists: Will; S. p. 1. 1. 111: O. J. C. 1. 2. 25-2f11; Will; p. 311-112:  
Kinnora; -(C. (Discoplea) astraea & atmosphaerica; -Discoplea; -Orthosia 146  
Stephanouiscus Niagarae; -Stictouiscus.)
- SALINA, Grun.-Rattr. Cosc. p. 603: (Coscouiscus kinnora.)-
- SCOTICA, V. B. p. 50-1f2, 3; V. S. A. p. 19: Prit. p. 311-14f17; Carr. p. 90:  
Grun. 1373p. 30; O. M. I. C. p. 259-26f13:  
(Hyalouiscus; -C. Ligustica; -Podosira maculata.)--
- SEVILLANA, Deby.-J. M. 1334p. 49; Del. Syll. p. 1359:
- SEX-NOTATA, Deby.-J. M. 1334p. 49; Del. S. p. 1359;
- SIRENSIS, E.-Raf. Prit. p. 312-13f4; Prit. Kinnora p. 5-3f7:  
(C. annulata; -Discoplea.)----
- SOLUTA, V.-Notar. 1336p. 129:
- SPINOSA, Schum. 1352. 134-3f15; 1354p. 17: -(Scotinella 11 Niagara.)---
- STELLIGERA, Cl. & Grun.-V. A. S. p. 1. 91122-25; Cl. 1391p. 37; Del. S. p. 1355; *Atlas pl. 222f48, 49*; - (C. Graeca, v.)--
- STRIATA, Grun., M. T. p. 3-5-7; V. A. S. p. 1. 9213-5; T. No. 322; Will; p. 311, 313, 17; Villet. p. 77; Malaisie; Del. S. p. 1352: *Atlas 223f9-10*:  
(C. Dallasiana, stylorum, subulina; -Coscouiscus 11.)---
- " v. ambigua, Grun.-V. A. S. pl. 92f12: *Atlas 223f20*; - (Cycl. a.)-
- " v. Baltica, Grun. 1334p. 40-5f4; V. A. S. pl. 92f13-15; Del. S. p. 1352;  
Malaisie;
- " v. interceda, Grun.-V. A. S. pl. 92f10; Del. S. p. 1352: -(Coscouiscus 11 Niagara)
- " v. mesoleia, Grun.-V. A. S. pl. 92f10; Del. S. p. 1352: *Atlas 223f14*
- " v. stylorum, Cl. Vega p. 503; V. A. Type No. 470: (C. stylorum.)--
- STYLORUM, Bttw.-M. J. 1330p. 96-3f10; Prit. p. 313; V. A. S. pl. 92f2-5; T. No. 474; Malaisie; *Atlas 223f6-8*: (C. Dallasiana & striata, v.)---
- SUBSALINA, Grun.-V. A. S. pl. 92f11: Del. S. p. 1352:
- SEAKALENSIS, Pant. 1. 46-2f12-9; Notar. 1333p. 553; Del. S. p. 1356:
- TRANSYLVANICA, Pant. 3p. -11f17: Del. S. p. 1353; *Atlas 223f5-6*---
- " v. disseminato-punctata, Pant. 3p. -36f511; Del. S. p. 1359;
- UMBILICATA, Rafs, Prit. p. 311: (Discoplea; -Lysigorium Westii.)
- UNCATA, V. S. A. p. 20: Prit. p. 312; Del. S. p. 1353: (Discoplea.)
- VENUSTA, Rafs, Prit. p. 312; Del. S. p. 1359: "
- TESTACEA, Del. S. p. 1. 1. 1. 251: *Atlas 223f15-16*

## CYLINDROTHECA.-(Rabh. 1881-)

- CERSTENBERGERI, Rabh. E. D. p. 145, f45; R. Alg. No. 301: Kirch. Alg. Schlies.  
No. 199: Delogne; Prit. p. 940; M. S. pl. 42f34: (C. gracilis.)--





GRACILIS, Breb.-Eiben, 1871; V.H.S.p. 188-30f2; T.No. 417; Italy: Det. Syll.p. 566:

(C. Gerstenbergieri: -Gerstenbergi; -Nitzschia; -Nitzschella tania.) -

v. major, Grun.-V.H.S.p. 1.30f1:

CYMATOPLEURA. -- (Nitzsch, 1853) - , Br. Alpes p. 96.

-, Pfitzer p. 117:

-, Tanarek 1879p. 53;

-, Pant. 3p. -7f III:

ANGULATA, Grev.-T.M.S. 1862p. 89-9f1; Wollé 60f16; Det. Syll.p. 601:

APICULATA, S.B.D. 1p. 37-10f79; Mull; Grun. 1862p. 466; Heib.p. 100: R.D.

Ex.No. 23; R. Alp. Sachs. Nos. 1437, 1521 sub; Bleisch, 1863; Eul. Sp. 7.27;

Roper, Thames; Mull; Italy; Kinnord; Lake Michigan; Wollé pl. 60f9, 12:

(C. solea, var.) -

CAMPYLODISCUS, Bailey 1864p. III, f1; B.J.N.H. 1862p. 330-1f9; Sm. Sp. 7.

641; Wollé, 71f9; Det. S.p. 601:

COCHLEA, Brun, 1891p. 25-22f5; Det. S.p. 601:

ELLIPTICA, Breb.-W.S., A.M.N.H. 1851p. 13-3f10, II; S.B.D. 1p. 37-10f80: R.

Alp. No. 641; Mull: Prit. p. 793-9f149; 16f7, 3; Carr. p. 36; R.E.D. p. 60; M.

D. pl. 12f23; Bleisch, 1863; Roper, Thames; Schum. 1864p. 13; Grun. 1862p.

463; Schum. 1867p. 52; Heib.p. 100: Mull: Cl. 1863p. 233: 1891p. 53: Italy:

M.T.P. 2-I-II: Delogne; Sm. Sp. T. II2; Pet. liste p. 24: Strose, Kleiken;

Brun Alp p. 96-1f3; 9f15; Kinnord; Dannf. p. 40; Mobile; Deby Polder p.

14; Spamer, Curan; V.H.S.p. 188-55f1; T.No. 333; Bellée, Luchon p. 52f20:

Wollé pls. 60f5-7; 108f5, 6; Tanarek 1879p. 54; Det. S.p. 593; Herib. p.

160; ~~Gr. C.~~ 1870p. 38.

(Denticula undulata; -Melosira grandis; -Sphinctocystis; -Surirella: ~~var.~~

<sup>Sw.</sup> Hibernica, Kützingerii, lamella, nobilis, oophena, undata, undulata.) --

" v. constricta, Grun. 1862p. 464-III f13; Schum. 1869p. 35; R.E.D. p. 60;

Brun Alp p. 97: V.H.S.p. 188: Det. S.p. 159;

" v. fracta, Schum. 1867p. 52-1f20:

" v. hibernica, M.T.P. 2-I-12: V.H.S. p. 55 f 3, 4: ~~C. hibernica.~~ (C. hibernica.)

" v. ovata, Grun. 1862p. 464; Gallia, Papan; Det. Syll. 1. 509:

(C. & Surirella ovum: -C. elliptica.) ---

" v. rhomboides, Grun. 1862p. 464; Det. S.p. 509:

(C. nobilis; -Surirella plicata.) ---

" v. subconstricta, Herib. p. 160: V.H.S. 55f2:

GIGANTEA, Pant. 3p. -34f435:

GRACILIS, Pant. 3p. -13f259;

HETEROCYMA, Ralfs, Prit. p. 793:

(Surirella.) ---

HIBERNICA, W.S.-A.M.N.H. 1. 1851p. 13-3f12; S.B.D. 1p. 37-10f31; Prit. p. 793;

Carr. p. 36; R.E.D. p. 61; Sm. Sp. T. II3; Lake Michigan;

T. 364; Wollé pl. 60f8, 10, II; Det. S.p. 600; Herib. p. 160;

(C. elliptica, v.: -Surirella plicata.) ---

" v. major, Papan. -Herib. p. 161:

" v. rhombica, Chase.-Lake Michigan; Det. S.p. 600: -((Cymat. H.)

KINKERI, Pant. 3p. -4f51;

MARINA, Lewis.-M. & R. S.p. 63-1f4; Wollé, 60f14, 15; Det. S.p. 600:

MULTIFASCIATA, Ralfs, Prit. p. 940; Det. Syll. p. 601:

(Nitzschia; -Surirella.) -



# CYMATOIDEIS.

circumvallata, Cl. Nav. p. 76-1 f 10, 11: <sup>atlas</sup> 2. 12 f 101  
ulcata, Grev. - Cl. Nav. p. 75-1 f 12, 13: - (Nav. 5. & triusculata)  
<sup>atlas 2. 12 f 101</sup>  
v. quadrisulcata, Grev. - Cl. Nav. p. 75: - (Nav. 5.)

NOBILIS, Hantzsch., *Neuw.* 1330p.36-6f6; M.T.P.2-I-10; Cl. & M.No.32:  
 (C.elliptica; -Surirella plicata.)  
 OVUM, Naeg.-Ralfs, *Prit.* p.793; R.E.D.p.3I; -(C.elliptica; \*Surirella.)---  
 PARALLELA, S.B.D.Ip.37-30f233; *Grun.* 1362p.463: (C.regula & solea.)--  
 REGULA, E.-Ralfs, *Prit.* p.793; R.E.D.p.3I; *Pet. liste* p.24; M.T.P.2-I-13:  
*Det. Syll.* p.300: (C.parallela & solea, var.: -Surirella.)---  
 SOLEA, (Breb.)-W.S., A.M.N.H. 185Ip.12-3f8,9; S.B.D.Ip.36-10f73; *Front.*:  
 Mull; Braemar; R.Alg.Nos.933,1029; Desmaz.I, No.1554; 2, No.1054; *Wartm.*  
 & Schenck No.129 sub; *Prit.* p.793-9f155; 13f9; *Roper*, Thames; *Borscow*  
 pl.1f14; Mull; R.E.D.p.60, f13; *Malaisie*; M.D.pl.12f24; *Bleich*, 1363;  
*Grun.* 1362p.463; *Carr.* p.36; *Arenig Bach*; *Nylander*, w.: Cl. 1363p.233:  
*Vera* p.492; 139Ip.53; *Sm.Sp.* 1.114; *Dannf.* 1.40; M.T.P.2-I-14; *Stross*,  
*Kleiken*; *Pet. liste* p.24; *Class.* f17; P. & Lead.; *Lanzi*, Tor.; *Brun Alp*  
 p.97-1f10; T.M.S. 1377pl.137f17; *Italy*: Cl. & M.Nos.226,227; *Atlantic*  
*City*; V.H.S.p.163-55f5-7; T.No.365; *Belloc*, *Luchon*; *Perag.* p.33; *Tan-*  
*arek* 1379p.53, f2; *Wolle* pl.30f1-4, 13; *Delogne*; *Gerling* pl.1f3; *Det.*  
*Syll.* p.509; *Spamer*, *Duren*; *Herib.* p.161: A.M.M.J. 139Ip1.1f26:  
 (Navicula & Sphincticystis librilis; -Sur.heterocyma & s.)--  
 " var."b" apiculata, *Prit.* p.793; *Grun.* 1362p.463; *Brun Alp* p.97-1f11:  
 R.E.D.p.60; *Belloc*, *Luchon*; M.T.P.2-I-15, 16; *Perag.* p.33; *Det. S.p.*  
 600; *Herib.* p.161:  
 " v.gracilis, *Grun.* 1362p.463; *Gallik*, *Papan*; *Det. S.p.* 300:  
 " v.regula, *Grun.* 1362p.463; V.H.S.p.163; *Delogne*: (C.regula.)--  
 " v.robusta, *Rabh.* E.D.p.3I:  
 SPIRALIS, *Chase.* -Lake Michigan; *Det. S.p.* 301:  
 THERMALIS, *Ralfs*, *Prit.* p.940; *Det. Syll.* p.301: -(Nitzschia; -Surirella.)-

CYMATOSIRA. ---- (*Green*, 1862)-

BELGICA, *Grun.* -V.H.S.p.157-45f33-4I; *Det. Syll.* p.697:  
 BIHARENSIS, *Pant.* 2p.66-3f4I, 42; *Det. S.p.* 697:  
 DEBYI, *Brun & Tp.* p.36-7f13; *Det. S.p.* 697:  
 JAPONICA, *Brun & Tp.* p.36-4f12: (Campylosira.)-  
 LORENZIANA, *Grun.* 1362p.373-7f25; M.D.pl.42f35; R.E.D.p.124, f37:  
*Italy*: V.H.S.pl.45f32; *Villef.* p.64; *Det. S.p.* 697:

CYMBELLA. ----- (*Agassiz*, 1830)

- , *Meneg.* A.M.D.p.409: - , *Borscow Russ.* L.p.129-15, f9 sub;  
 - , A.M.N.H. 1856p.1: - , *Pfitzer* p.3I-3f13:  
 - , *Dippel* 1370p.10-1f12: - , *Tanarek* 1379p.4I:  
 - , T.M.S. 1377pl.137f5: - , *Petit Classif.* f5: *K. Syn. p.7:*  
 - , *Wolle* pl.1f10-12: - , *Notar.* 1366p.29I: 1833  
 - , *Atlas* pl.10f7:  
 - , *Atlas* pl.9f14, 19, 39, 40, 46, 51, 52, 56, 57, 70:  
 - , *Atlas* 7f40-43, 46, 47, 51, 53, 73:  
 ABNORMIS, *Grun.* -Botan.Cblt. 1330p.249; V.H.S.pl.3f8;  
 Cl. 139Ip.45; *Det. Syll.* 1.357: (C. sinuata.)  
 " v.antiqua, *Grun.* 1362p.141-142; *Det. S.p.* 357; -(C. sinuata, v.)  
 " v.fossilis, *Pant.* 3p.1. -17f255: -(C. sinuata, v.)

*Cypripedium*  
A. subseriale A. N. S. P.  
Chen. 1892 p. 134

ABYSSINICA, Grun.-Mart. Flora Bogot. p. 151-1f3; Notat. 133 p. 193;

Det. Syll. p. 351:

-(*C. amphicephala*, v. *hercynica*.)~

ACUTA, Ag. Cons. p. 8: Cl. Nav. p. 164: (Echinella; -Frust. a. & asbestina.)---

ACUTIOSCULA, Vinnora: Cl. Nav. p. 164-4f26:

ADNATA, Breb. Alg. Malaise p. 50, 11.7; Mont. Can. p. 194: -(*Epithemia zebra*.)

\*AEQUALIS, Grev.-A.M.N.A. 1354 p. 43-4f4; S.B.D. 21.34; Prit. p. 376: Carr.

1.99: R.E.D. p. 73: Atlas 9f39; Vinnora; Danf. p. 21; Cl. 133 p. 4; 1391,

1.46; Det. S. p. 359: -(*C. angustata*.) Cl. Nav. p. 170: (*C. obtusa* & *subaequalis*)~

> " v. *hybrida*, A.S., Atlas 7f50: -(*C. angustata*.) (Cymb. h.)-

\*AFFINIS, K.B. 1.30-3f15; K.S.A. p. 53; R.S.D. p. 23-7f13; Mull; S.B.D. 1p.

13-30f250; Front.; Braemar; Prit. p. 376: Carr. p. 99: Hall; Schum. H. T.

p. 64; Neupauer p. 199-3f70; Nylander, W.: R.E.D. p. 31; Prollius p. 54:

Italy: Lagr. 1373 p. 43; Atlas 9f29, 33; 7f23, 29; Ebert, Cassel; Sr. Sp.

1.115: M.T.P. 2-4-15; Borscow pl. 2f3; Petit & Leud.; liste p. 13; Cl.

133 p. 5, 3; Vega p. 490: 1391 p. 47; Brin All p. 31-3f14; Lanzi, Tor.; V.

H.S. p. 62-2f19; T. No. 25; Malaisie; Perag. p. 55; Gallik, Pagan; Wollé pl.

7f31, 32; Hoffmann, Marburg; Spamer, Duren; Det. S. p. 352; Pant. 3p. 4f62:

52; Herib. p. 63: Cl. Nav. p. 171: Gn. 1882 p. ... -29f26: (*C. excisa*, v. *major*: -

(*C. gracilis*, *parva*, *truncata*, *ventricosa*: -*Cocconema fusidium*, *nanum*.)---

" var. "b" *tumida*, Lagr. 1373 p. 43-2f19; Det. S. p. 353; -(*C. affinis*.)

" var. "g" *semicircularis*, Lagr. 1373 p. 43-2f20; Det. S. p. 355: (Cymb. s.)~

" v. *leptoceros*, Brin All p. 32: (*Cymlophna mac.*: - (Cymb. l.)-

ALPINA, Grun. 1333 p. 143-13f19; R.E.D. p. 31; Brin All p. 32-3f7; Atlas

7f44, 45; Malaisie; Herib. p. 67; Det. S. p. 354; Cl. Nav. p. 161:

" forma minor, Br. & H.-Herib. p. 220;

" v. *conifera*, Br. & H.-Herib. p. 220-6f7:

" v. *Bouleana*, Br. & H.-Herib. p. 220-6f14;

AMERICANA, A.S., Atlas 9f15, 20; Wollé pl. 7f24; Det. S. p. 359; *Albia* v.

" v. *acuta*, A.S., Atlas 7f75-73: *Albia* (C. Davidsoni & A.)--

AMPHICEPHALA, Nagl.-K.S.A. p. 390: R.S.D. p. 22; Prit. p. 376; R.E.D. p. 77:

Atlas 9f62, 64-66; 7f52: Cl. & M. 29; Brin All p. 30-3f5, 10; Cl. 133 p.

1: 1391 p. 45; Ebert, Cassel; M.T.P. 2-4-14; V. H.S. p. 31-2f3; 1.19; Wollé

pl. 7f15; Belloc, Lichon; Perag. p. 54: Det. Syll. p. 350: -(*C. naviculiformis*.)

> " v. *tumida*, Grun.-Det. Syll. p. 351: (Cymb. t.)--

ANGLICA, Lagr. 1373 p. 42-2f13; Idem. 1374 p. 120; Atlas 9f33; Vinnora; Cl.

133 p. 4; Lake Michigan; V. H.S. pl. 2f4; Wollé pl. 7f33, 34; Trian, 1335 pl.

1f11; Herib. p. 67: (*C. naviculiformis*, & *C. cuspidata*.)-

+ ANGUSTATA<sup>WS</sup>, Vinnora; Grun. Cl. Nav. p. 161: -(*nav. a. sinuata*; *C. aequalis*, &

APICULATA, New Zealand:

APPENDICULATA, Ag. Cons. p. 9: *ag. al. Eur. #1* (Frustulia; -Navicula.)---

APPENDICULATA, Breb. & Godey: - (Navicula amphistruena.)---

ARCTICA, Lagr.-Atlas 10f12: 7f23-25; Det. S. p. 364; (Cocconema.)---

ARAUCANIAE, E.-Mik. p. 296; (Ralfs; -Vide Cocconema.)-

ARCUS, Cassell Alg. p. 429-100f3; Grun., M.J. 1353 p. 4-1f21; S.B.D. 2p. 37:

Prit. p. 375-7f73; Carr. p. 99: R.E.D. p. 33:

(*Ceratoneis*; -*Elmotia*; -*Synedra gibbosa*.)---

ARCTICA, Lagr.-Det. Syll. p. 364: (C. variabilis, v.)---

+ ASPERA, Herib. p. 69-3f10; Cl. Nav. p. 175: -(Cocconema: *C. gigantea*.)

ASSABENSIS, Castr. Tripoli 1339 p. 3: J.R.M.S. 1339 p. 633; Det. S. p. 355:



acuta, (C. americana, var. a.)

aequalis, a. cl. 1895 p. 19.

" var. diminuta, Gn. - Cl. Nav. p. 170: - (C. obtusa, v. dim.)

" v. Florentina, Gn. - Cl. Nav. p. 170: - (C. subaequalis, v. Fl.)

+ affinis.

+ " v. obesa, Cl. - Le D. vol. 2, No. 17 p. 100-7 f 4.

amphicephala, Cl. Nav. p. 164: (1)

" var. hercynica, Cl. Nav. p. 165: - (C. alysioides)

" " subundulata, Cl. Nav. p. 164: - (

amphiotyp, Cl. Nav. p. 164: - Le D. vol. 2, No. 17 p. 145-9 f 6.  
C. nasculoides, v. amp.] Le D. vol. 2, No. 17 p. 145-9 f 6.

+ angustata, Cl. 1895 p. 18

aspera, (Cocconema lano, v.) - Cl. Cl. 1895 p. 2

v. crassa, Gn. 1882 p. 141-29 f 28: Cl. Nav. p. 175:

v. Dubravicensis, Gn. - Cl. Nav. p. 175: - (C. gastroides, var.)

v. minor, Gn. - Cl. Nav. p. 175: - (C. gastroides, v.)

v. neogena, Gn. - Cl. Nav. p. 175: - (C. gastroides, v.)

v. Bengalensis, Herib. - Cl. Nav. p. 176: - (C. gastroides, v.)

- > AUSTRIACA, Grun.-Atlas pls.9f10; 7If67,63; Cl.139If.4: Del.S.p.359;  
 " var., A.S., Atlas 7If69:  
 + " var. excisa, Grun.1332p.143-29f27; Part.3If1: -If11: Del.S.p.360; Cl. Nav. p.163:  
 " v. fossilis, Pant.3p. -3f133:  
 " v. prisca, Grun.1332p.143-29f29; Cl. Nav. p.163: Del.S.p.360:  
 AVENACEA, Breb., Alg. Hal. p.50, pl.7:  
 BALATONIS, Grun.-Atlas 10f19,20: Del.S.p.363; -(C. helveticus, v.)  
 BECCARI, Grun.-Mart. Flor. Bogotensis p.152-If1,2: Notul.1333f.193;  
 Del.Syll.p.355; Cl. Nav. p.172:  
 BENGALENSIS, Grun.-Atlas 9f12,13; 7If79; Sm.Sf.1.342; Del.S.p.355:  
 J.L.S.1334p.515-43f6;  
 BEVERLIANA, A.S., Atlas 7If56-61; Del.S.p.369; -(Anomoloneis brachysoma)  
 BOREALIS, Cl.139If.45-2f19; Nav. p.161: 177f11:  
 BOTELLUS, Lagr.-Atlas 7If39; Cl. Nares: Del.S.p.364; Cl. Nav. p.172:  
 (Cocconema; -C. variabilis, v. B.)  
 BOECKHII, Flogel, Baltic; Cl.139If.46: (Cocconema; -Doryphora.)---  
 BRASILIANA, Grun.-N.L.W.D.p.4-If4; Cl. & M.177,193; Del.S.p.356;  
 BUDAYANA, Pant.3p. -15f233;  
 " v. gracilior, Pant.3p. -24f363;  
 CALSATII, A.S., Atlas 7If43,48; Cl.139If.45; Kinnora; Del.S.p.369; Nav. p.160  
 CAESPIOSA, Brun Alp. p.53-3f16: (Encyonema.)---  
 " v. pediculus, Brun Alp. p.56-3f13; (Cymb. p.)-  
 " v. ventricosa, Brun Alp. p.56-4f4: Malaisie; -(C. & Frustulia ventricosa)  
 CAPITATA, Pant.3p. -10f150;  
 CHYZERI, Pant.2p.40-11f194; Del.Syll.p.353; Cl. Nav. p.175:  
 CISTULA, Hemprich.-Brun Alp. p.53-3f13; Dannf. p.21; Stroese, Kleiken; V.  
 H.S.p.64-2f12,13; T.24; B.S.B.Vol.4, p.7-If3,4; Cl. Vega p.490: Gallia,  
 Papen; Wollé pls.6f6,7,12: 7f29,35; Kirch. Alg. Schlies. p.139; Herib.  
 p.70; Del.S.p.365; Cl. Nav. p.173: (Bacillaria; -Cocconema; -C. minor &  
 reniformis; -Gomphonema semiellipticum & simplex; -Lunularia olivacea.)  
 " varss., A.S. Atlas 11f24; Herib. p.71:  
 " v. arctica, Lagr.-Cl.139If.47; Nav. p.173; Cl. 95p.20: (C. variabilis, v.)---  
 " v. curta, Grun.-V.H. Type No.25: Herib. p.72; Cl. 1895p.20:  
 " v. fusidium, Her. & P.-Herib. p.71-3f12; -(C. cistula.)  
 " v. hungarica, Pant.3p. -3f40: 2f16,17:  
 " v. maculata, V.-V. 1.S. p.34; Cl.139If.47; Del.S.p.365; Cl. Nav. p.173:  
 (C. variabilis & v. cistula; Frustulia; C. Bouleau & Pauli.) Cl. 1895p.20:  
 " v. Sicilica, Grun.-Del.S.p.365; Cl. Nav. p.173; -(Cocconema c. var. S.; -Cym. s.)-  
 " v. truncata, Brun Alp. p.53-3f2,13q; -(Bacillaria fulva; -C. truncata.)--  
 CLEMENTIS, Pant.3p. -20f303;  
 COPULATA, Breb. Alg. Hal. p.50, pl.7: Del.S.p.370: (Cocconema.)---  
 COSTATA, Rabh. S.D. pl.7f16; (Error in print, C. epithemioides.)-----  
 CRIOPHILA, Grun.1337p.21-7f5: Notul.1339p.335: Del.S.p.359; +  
 CUCUMIS, A.S., Atlas 9f21,22; Del.S.p.369; Cl. Nav. p.165:  
 CURTA, A.S., Atlas 9f47; Wollé pl.7f30: Del.S.p.369:  
 CURVATA, Rabh. S.D. p.23-7f14b; Prit. p.377: Italy: Hoffmann, Marburg;  
 R.E.D. p.32; Del.S.p.361;

australis, Ad. - Cl. Har. p. 163: C. ...  
australis, Cl. Har. p. 163: -

" v. excisa, (C. endobenzana)

Boulciana, H. & Brum. - Herib. p. 220 - 6f/4:  
sedatii - (Har. appendiculat. etc) n. no. 1000-1

cistula, A. Cl. 1895, ...

" v. maculata, K. - V.H.S. pl. 2 f16, 17:

" v. truncata, Cl. Har. p. 173:

onifera, Cleve Har. p. 177: Herib. p. 220 - 6f7:

virgata, (Har. ...)



CUSPIDATA, K.B.p.79-1f10; V.S.A.p.57; Blauw; Mill: S.B.C.I.13-2f  
22; R.Alt. Ann. 961, 1030; Prit.p.373-7f45; Herib.p.109-1f4; Arenig Bach:  
New Zealand; Mill: Carr.p.99; S.G.1337p.131, f190; R.E.D.p.77, 78;  
Brun Alp.p.59-3f6; Nylander, w.: Delogne; Kinnora; Atlas 9f50, 53-55;  
M.T.P.2-4-17; Hoffmann, Marburg; Sm. Sp. 7. II3; Petit, liste p.133; Cl.  
133Ip.4; Vega p.490; 139Ip.47; Gallia, Papan; Strose, Kleiken; Kirch.  
Alg. Schl. p.133; Malaisie; V.H.S.p.31-2f3; T.No.16; A.S.M.1337p.1.5;  
Belloc, Luchon; Lake Michigan; Wollé pl.7f16, 20; Herib.p.65; Cl. *nav. p.166*  
(*C. anglica* & *maculata*.) - *Gl. 189 Sp. 18: Petit Cap Horn*

" *v. naviculiformis*, Andersw. - Rabh. Alg. No. 1035 sub; R.E.D.p.78;  
V.H.S.p.61; Del. S.p.350; - (*Cymb. nav.*)

" *v. obtusiuscula*, Grun. - V.H. type No. 17 - - *cl. nav. p.166*:  
- (*Cymb. v. & cuspidata*.)

CYMBIFORMIS, Ag. Cons. p.10; Hook. Br. Fl. p.414; Cl. 139Ip.47; Herib.p.69;  
(*C. cistula*; *Cocconeina cistula* & c.) - - - *Leib. Flor. 1830 p.327 f8*:

- CYMBIFORMIS, Breb., Alg. Ital. p.49, pl.7; Brun Alp.p.57-3f12; Danf. p.31;  
Lagr. 1334p.36; V.H.S.p.64-2f11; T.No.290; Cl. Vega p.490; Wollé pls.  
5f10; 7f23; Lake Michigan; Gallia, Papan; Strose, Kleiken; Pet. liste  
pl.4f6; Thier 1335pl.1f7, 3; Del. S.p.366; Pant. 3p. - 10f14; *Cl. nav. p.172*.  
(*Amphora*; *Cocconeina*; *C. variabilis*; *Arustulia c. & coffaeiformis*; *C.*  
*inflata* & *perfecta*; *C. valida*; *C. helvetica*, *v. fossilis*.)

" *v. parva*, W. Sm. Del. Syll. p.364; V.H.S. pl. 2f14

" *v. producta*, Pant. 3p. 7. - 23f346;

DAVIDSONI, Grun. in litt.:

(*C. Americana v. acuta*.) - - -

DELECTA, A.S. Atlas 9f13-13; Del. S.p.369; Herib.p.63; - (*C. Ehrenbergii*, v.)

+ DELICATULA, K.S.A.p.59; R.S.D.p.23; Italy; V.H.S.p.63-3f6; T.No.31;  
Prit.p.373; Atlas 7f54, 55; Cl. 139Ip.47; Del. S.p.352; *Cl. nav. p.161* -

DIANA, Ralfs, Prit.p.377; Carr.p.100; Grun. 1333p.13; Malaisie;

Del. S.p.360;

(*Cocconeina*.) - - -

DIDELIA, A.S. - Cl. 133Ip.4:

EHRENBERGII, K.B.p.79-3f11; K.S.A.p.57; R.S.D.p.22-7f1; Mill; S.B.C.  
Ip.17-2f21; R.Alt. Nos. 345, 1437, 503; Prit.p.375-7f45; 9f154; R.E.D.p.  
77; Carr.p.99; Bleisch, 1363; Heib.p.106; S.G.1337p.131, pl.133; M.D.  
pl.13f31; Cl. 1333p.236; Cl. & M. 94; 139Ip.45; Roper, Thames; Mill: Sm.  
Sp. 7. II7; Nylander, w.: Prollius p.54; Strose, Kleiken; Macdonald pl.  
10f20; Lagr. 1373p.42-2f17; Atlas 9f6-9; M.T.P.2-4-12; Kinnora; Brun  
Alp.p.59-2f30; Grevillea 1372p.39; Pet. liste p.13; 1333pl.4f1; Italy:  
Parap.p.54; Hoffmann, Marburg; Kirch. Alg. Schl. p.137; Lake Michigan; V.  
H.S.p.60-2f11; T.No.14, 15; Belloc, Luchon; Wollé pl.7f3, 21, 25; Del.  
Syll. p.349; Spain, Duran; Galling pl.1f2; Herib.p.64; *Cl. nav. p.165*:  
(*C. inaequalis*; *var. minor*; *Del. S. p. 352* - - -

" *vars.*, A.S., Atlas 7f74, 80: (*Cocconeina delecta* -

" *v. minor*, Herib.p.65; - (= *var. delecta*.) - V.H.S. pl. 2f2:

" *v. stauroneiformis*, Rabh. E.D.p.77:

ELEGANS, Cramer. - R. Alg. 144I sub; Hedw. Vol. 2p.65; Sypniew. Okoz.

1360p.517-1f16; Del. S.p.355; *cl. nav. p.162*:

(*C. gastroides*.) - - -

ELIPTICA, Ag. Cons. p.3; *Synchytrium*

(*Amphora*; *Arustulia*.) - - -

ENCYONEMA, Heib.p.110; Cl. 1333p.233;

(*Encyonema*

*cuspidatum* & *prostratum*; *Cocconeina cymbiformis* & *variabile*.) - - -



+ cymbiformis, A. Cl. 1877/20

+ var. stagnans, Br. - L. D. Vol. 2, no. 16 p. 56-57 26.

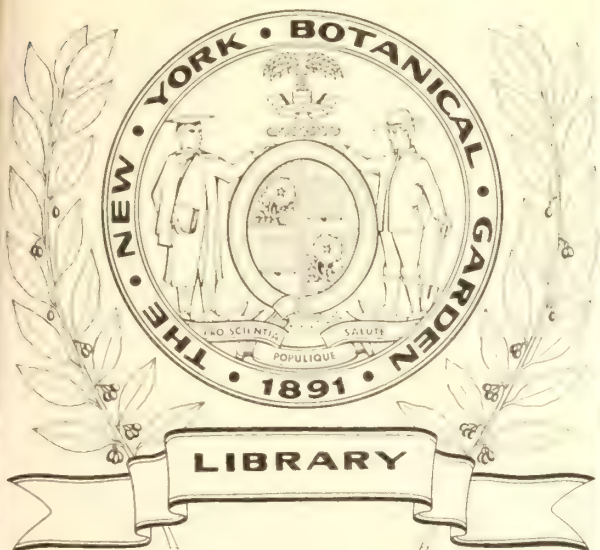
+ delicatula, L. Cl. 1877/20

Ehrenbergii.

" var. delicatula <sup>aid.</sup> Cl. nar. p. 165: - C. delicata D. Ehrenbergii.

- ENCYONEMA, Leiberg. l. II: Cl. I 333 p. 233: (*C. penetrata*, - (*Encyonema caespitosum* & *prostratum*: - *Cocconeoma cymbiforme* & *variabile*.)  
 EPITHEMIOTIDES, Rabh. S. D. p. 22-7 f 16: R. E. D. p. 79: Italy: Prit. p. 376: Spamer, Duren; Del. Syll. p. 360: (Vide *C. costata*.) ---  
 ERDOEDYANA, Pant. 2 p. 40 - II f 193: Del. Syll. p. 353: - (*C. austriaca*, v. *excisa*)  
 EURYCEPHALA, Rabh. - Prit. p. 376: R. E. D. p. 79; Del. S. p. 360: (*E. pachycephala*.) --  
 EXCISA, K. B. p. 30-6 f 17; K. S. A. p. 53; R. S. D. p. 23-7 f 7; Prit. p. 376: Italy: R. E. D. p. 79: Atlas 7 f 35, 36; Belloc, Lichon; Perag. p. 54: Del. S. p. 357; Wolle pl. 7 f 9, 10: (Cocconeoma.) ---  
 " forma major, Gutwinski Mat. Fl. Galiciei 1890 p. 25 - 1 f 21; Notar. 1890 p. 139; Del. S. p. 357: - (*C. affinis*)  
 FLEXELLA, K. B. p. 30-4 f 14; 6 f 8; R. S. D. p. 23-7 f 15; Pröllius p. 54: Ebert, Cassel; Hoffmann, Marburg; (Achnanthes; - Achnanthidium Bavaricum: - Cocconeis Thwaitesii.) ---  
 FORNICATA, R. S. D. p. 22-10 f 9; R. E. D. p. 73: Prit. p. 376: Del. S. p. 360:  
 FRIESIANA, Grun. - Cl. & M. 261; N. L. W. D. p. 5: Del. S. p. 356; - (*Nav. Lundströmii*, var.)  
 FULVA, Ag. Cons. p. 10: *Bacillaria*: - (*Navicula*.) ---  
 FUSIDIUM, Rabh. S. D. p. 23-7 f 3; Schum. 1. 1. p. 64: (Cocconeoma.) ---  
 GASTROIDES, K. B. p. 79-6 f 4b; K. S. A. p. 57; R. S. D. p. 21-7 f 2; Weisse 1850 p. 350 - 1 f 9; 1854 p. 360 - 1 f 12; Westendorp, G.: Hilse, 1850 p. 66: Prit. p. 377 - 14 f 13-20; Spamer, Duren; Bleisch, 1863; Neipauer p. 199-3 f 39; Pfitzer p. 79-4 f 11; R. E. D. p. 79, f 20; Borsow pl. 1 f 17; <sup>a-d</sup> Del. S. p. 7, 23; R. Alg. No. 1231: Eiben, 1871; Pröllius pp. 55, 102-2 f 5, 6; M. T. P. 2-4-13; Pet. liste p. 13; Delogne; Sm. Sp. T. II 3; K. & Z. p. 14-1 f 2; Gallik, Papan; Atlas 9 f 1, 2: 72 f 12-14, 26-28; Lake Michigan; Cl. & M. 32; V. i. S. p. 63-2 f 3; T. No. 20: Cl. Vega p. 490; 1891 p. 46; Brun & T. p. 71: Umbolat Jahrg. 1832 p. 132, cymicoma; Grun. 1834 p. 45-1 f 7; Trien 1835 pl. 1 f 5; Belloc, Lichon: Perag. p. 55: Wolle pl. 7 f 4, 5, 12, 13, 23; Del. S. p. 361; Herib. p. 33: A. M. M. J. 1891 pl. 1 f 11: (*C. maxima*; - *C. elegans*; - *Frustulia*.) --  
 " var. "b" minor, V. H. S. p. 63-2 f 9; Herib. p. 33: - (*C. aspera*, v.) V. H. S. 2 f 9;  
 " var., K. B. p. 79-6 f 4a; K. S. A. p. 57; - (*C. truncata*; - *Bacillaria fulva*.) ---  
 " var. crassa, Grun. 1852 p. 141-29 f 28: - (*C. aspera*, v.)  
 " v. Dubravica, Grun. 1832 p. 141-29 f 30: - (*C. aspera*, v.)  
 " v. Helvetica, Rabh. E. D. p. 30: (Cymb. H.) -  
 " v. Kamtschatka, Grun. - Del. Syll. p. 362:  
 " v. Neogena, Grun. 1832 p. 141? (*C. aspera*, v.)  
 " v. substomatophora, Gutwinski Baykal: Notar. 1891 p. 353; Del. S. p. 362:  
 GEMINATA, Breb., Alg. Ital. p. 50, pl. 7: (C. maculata.) ---  
 GIBBA, Bailey 1854 pl. 1 f 1: B. J. M. H. 1852 p. 331 - f' g': (Cocconeoma cum stipem.) -  
 GIGANTEA, Pant. 3 p. - 2 f 321; - (*C. aspera*)  
 GRACILIS, E. - K. B. p. 79-6 f 9; K. S. A. p. 53; R. S. D. p. 22-7 f 12; Prit. p. 377: Carr. p. 100; Neipauer p. 139-1 f 13; Schum. 1. 1. p. 64; 1859 p. 35: R. E. D. p. 81; Nylander, W.: Sm. Sp. T. II 9; Brun Alp p. 62-3 f 1; Belloc, Lichon: Wolle pl. 7 f 26; Spamer, Duren; Hoffmann, Marburg; Cl. Nav. p. 169: (*C. affinis* & *maxima*; - *Cocconeoma*; - *Encyonema*: *C. Scotica humida*.)

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*gracilis*, cl. 1895, 12.



- v.laevis, Naeg.-R.E.D.p.3I: V.H.S.pl.3fIb; Italy:  
 Bellon, Lichon: *Brun. Alpes* p. 62: (C.laevis.)----  
 v.minuta, Hilse.-R.E.D.p.3I: (C.minuta.)  
 v.robustior, R.E.D.p.3I: (C.gracilis, K.B.)---  
 v.Scotica, Rabh.E.D.p.3I: (C.Scotica.)---  
 GREGORII, Ralfs, Prit.p.376: R.E.D.p.79: (C.truncata.)--  
 GRUNOWII, Pant.3p. -I9f233;  
 HAUCKII, VanH.-Hauek & Richter Phyk.Univ.No.I47 cum icone;  
 Notar.I33p.622: Det.S.p.354; *Cl. Nav. p. 164-4f24*;  
 HELVETICA, K.B.p.79-3fI3; K.S.A.p.53; R.S.D.p.22-7f4; S.B.D.Ip.I3-2f  
 24: Q.O.M.S.I354p.3-4f5; weisse I350p.350-IffIO: Prit.I352pl.I7f24-  
 23: I35Ip.376-I4f24, 28: Carr.p.99: New Zealand: Hull: R.E.D.p.30:  
 Atlas I04fI3; Pet. & Leud.; liste p.I3; M.T.P.2-4-I6: Dannf.p.2I: Sm.  
 Sp.T.I20: ~~Brun. Alp. p. 60-3fI3~~ *Cl. I33Ip.4: I39Ip.47; Italy: V.H.S.p.*  
*64-2fI5; T.32; Bellon, Lichon: Perag.p.55: Wolle pl.7f6: Malaisie: Det*  
*Syll.p.366: Herib.p.72: Cl. Nav. p. 174: Tolstap.*  
 (C.elegans, leptoceras, Smithii, & gastroides, v.: -Cocconema.)  
 vars., S.B.D.2p.34: -, Atlas I0f2I: -, IIf2I:  
 v.abbreviata, Grun.-V.H.T.No.33:  
 v.fossilis, Pant.3p. -9fI53: (C.cymbiformis.)----  
 HERCYNICA, A.S.Atlas 9f30, 3I; Kinnord; Det.S.p.369;  
 HETEROPLEURA, E.-Amer.p.I33; K.B.p.79: K.S.A.p.57: R.S.D.p.22; Prit.  
 p.376: R.E.D.p.33; Cl. & M.23; M.T.P.2-4-I3: Sm.Sp.T.I2I: Atlas 9f4, 5;  
 Mobile; Wolle pl.7fI, 2; Cl.I39Ip.45; Det.S.p.36I: *Cl. Nav. (Pinnularia.)--*  
*p. 166; -*  
 var., A.S., Atlas 9f3:  
 HEVESENSIS, Pant.2p.40-3f53; Det.Syll.p.353; *Cl. Nav. p. 175*;  
 HOPKIRII, Harvey Man.1.2I5: K.S.A.p.37: (Navicula gracilis.)+  
 (Cocconema.)---  
 HUNGARICA, Pant.2p.40-IffI4; Det.S.p.353: - (C.leptoceras.)  
 HYALINA, Ag.Cons.p.7; Brit.Fl.p.4I4; S.B.D.2, p.I02: R.E.D.p.33;  
 Det.S.p.370: (Frust.: -Nav.gracilis.)--  
 HYBRIDA, Grun.-Cl. & M.I3I; Det.S.p.370: *Cl. Nav. p. 166-4f23*; (C.aequalis, v.)  
 INAEQUALIS, W.S.-A.M.N.H.I355p.255-9f4;  
 INCERTA, Grun.-Cl. & M.96: Sm.Sp.T.643; V.H.T.No.30 sub;  
 Det.Syll.p.369: *Cl. Nav. p. 170: -* (C.prioca, var. i: - (C.subaequalis *Grav.*)  
 INCRASSATA, Breb.Alg.Fal.p.5I, pl.7: (Epithemia gibba.)--  
 INFLATA, Breb.Alg.Fal.p.50, pl.7: Det.S.p.370:  
 INFLATA, Pant.3p. -6f95: (C.cymbiformis.)----  
 INTEGRAL, A.S., Atlas 7If64-36; Det.S.p.363: (Navicula.)-  
 JANISCHII, A.S., Atlas 7If3I: Det.S.p.369: *Cl. Nav. p. 177: -* (Cocconema.)-  
 JIMBOI, Pant. pt. 3 pl. 85f30: *Cl. Nav. p. 177: -* (C.cistula?) -  
 KAVNENSIS, Pant.2p.40-IffI36: Det.S.p.353; - (C.leptoceras)  
 KOCHII, Pant.3p. -If2:  
 LAEVIS, Naeg.-K.S.A.p.59; R.Alg.424; R.E.D.p.3I; Sm.Sp.T.344; V.H.  
 S.p.32-3f7; Perag.p.55: Cl.I39Ip.47; Det.S.p.352: Herib.p.66:  
 (C.gracilis, v.: -Cocconema.) *Cl. Nav. p. 162*;  
 LAETEVIENS, Harvey Man.p.2I5; K.S.A.p.73: (Nav.viridis, K.W---  
 LANCEOLATA, Ag.Cons.p.9: *Bot. Zeits. 1826: -* (Navicula l. & vulpina.)--



> gracilis, var. lunata, W.S. - Cl. 1895,

hybrida, Gn. - Cl. Nav. p. 169. - (Encyonema) cl. 18

" forma maxime, A.S. Atlas 9f11: Cl. Nav. p. 169: -

helvetica, ... Bonn Alp. p. 6-3 f. 3. 189

" v. Balatonis, Gn. - Cl. Nav. p. 174: - (Cym. Bal.)

" v. curta Cl. Nav. p. 174: - (C. Tringiscula)

heteropleura, A. Cl. 1895 p. 18:

" v. minor, Cl. Nav. p. 167: Atlas 9f51, 52: (C. F. h. var.) Cl. 1895 p. 18

" v. lanceolata, A. Cl. 1895 p. 18

" v. substrata, Cl. Nav. p. 167: - (C. h. var. f. A. 4)

incerta,

" var. naviculacea, Gn. - Cl. Nav. p. 170: (C. Nav.)

inclegans, Cl. Nav. p. 168-5f1: - (Encyonema)

Jordani, Gn. - Cl. Nav. p. 169: 5f3, 4: - (Encyonema)

Kamtschatka, E. Atlas 10f31: M.T.P. 3-2-10. (C. h. var.) Wolle p. 7f11.

Lacustris, Ag. - Cl. Nav. p. 167: - (L. + M. #108: - (Collatonema C. &

subcohaerens: - Encyonema C. & Illingens: - Schiz.)

LANCEOLATA, E.-Brin Alp.p.57-3f19; Dannf.p.20: Lanzi,Tor.: Kirchner  
Alg.Schliesen p.133: Gallik,Papan; V.A.S.p.33-2f7; T.13; Malaisie;  
Truan 1335pl.1f3: Lake Michigan; Cl.139Ip.43: Stosse,Vleiken; Del.  
Syll.p.363: Pant.3p. : Herib.p.33: *Cl. Nav.p.174: 1895p.20+1f12!*  
(*Cocconema*; -*C.gastroides* & *maxima*.)----

- " var., A.S., Atlas 10f1: , Herib.p.39:
- " v.aspera, Brin Alp p.57-9f16; Del.S.p.353: - (*Cymbella* & *Cocconema*.)---
- " v.cornuta, Grun.1332p.141: *Cl. Nav.p.174: - (Cocconema c.)*
- " v.fossilis, Pant.2p.40; 3p. -23f344: Del.S.p.363; *Cl. Nav.p.174:*
- " v.robusta, Pant.3p. -23f350;

LATEFASCIATA, Ag.Cons.p.3: (Navic. cuspidata.)---  
LATESTRATA, Pant.3p.7: -1f9: (C.Austriaca, v?)

LEPTOCERAS, K.B.p.79-3f14: V.S.A.p.53; R.S.D.p.22-7f14a: Prit.p.377:  
Schum.H.1.p.64; Nylander, w.: R.E.D.p.31: Brin Alp p.62; Wille pl.7f3:  
Italy; Hoffmann, Marburg; V.A.S.p.62-2f18; Lake Michigan; Perag.p.55:  
Del.Syll.p.353; Herib.p.35: *Cl. Nav.p.162: (C.hungarica, Kaonensis, Neupauer)*  
(*Cocconema*; -*C.affinis* & *Helvetica*; -*Cymbophora maculata*.)---

- " var."b"elongata, V.A.S.p.62-3f24; "A" f2; Perag.p.55: Del.S.p.353;

LINDHEIMERI, Grun.-Atlas 10f34, 35; Del.S.p.369;

LINDSAYANA, Grev.-Trans.Bot.Soc.Edinb.1364p.234-3f3: Del.Syll.p.  
353; New Zealand;

- " vars., Grev.-Trans.Bot.Soc.Ed.1364p.234-3f5-7:

LINEATA, Harvey Manual p.215; K.S.A.p.59: (*Cocconema cymbiforme*.)---

LUNATA, S.B.D.2p.34; A.M.N.H.1355p.43-9f5; Prit.p.377; R.E.D.p.32:

Carr.p.100: Petit, 1333p. : Del.S.p.361: (*Encyonema*.)---

LUNULA, Rabh.S.D.p.23-7f11; R.Alg.No.1166; Ebert, Cassel: weisse 1330p.

353-1f11; 1334p.107-1f7; Hoffmann, Marburg; Spaner, Duren; (*C.maculata*, v.)

MACULATA, K.B.p.79-6f2a, b; 29f32; K.S.A.p.53; Marissal; Mill: S.B.D.

Ip.13-2f23; R.Bac.No.63; Prit.p.377; Carr.p.99: R.E.D.p.30: Arenig

Bach; Mill: Neupauer Asatag p.192-2f42; Suring.301p.13-2f24: Italy:

Nylander, w.: Del.1373p.43; 1334p.59, f6; Delogne; Petit & Leda.; K.

Alg.No.35: Atlas 10f3; Stosse,Vleiken; Cl.133Ip.4, 3; Nares; Sm.Spl.1.

122; Perag.p.55; Malaisie; Lake Michigan; Deloni,

Port.: Wille pl.7f22; Truan 1335pl.1f9; (*C.ventricosa*; - (*Cocconema*; -

*C. x Cocco. lunula*; -*C.cuspidata*, *cistula*, var., & *geminata*; -*Tristilia*.)---

" v.major, Rabh.E.D.p.30: (C.lunula.)-

MARGINATA, Harv.Man.p.215; K.S.A.p.37: (Nav. Brebissonii.)--

MARINA, Pant.3p. -19f274: - (*amphora angusta*, v. *ventr.*)

MARINA, Cassel.1337p.21-27f13: Del.S.p.359; - (*amphora angusta*.)

MAXIMA, Naeg.-K.S.A.p.90: R.S.D.p.22; Prit.p.377:

(*C.gastroides*, *gracilis* & *lanceolata*.)-

+ MICROCEPHALA, Grun.-V.A.S.p.33-3f36-39; Balloe, Liehon; Cl.133Ip.4:

Perag.p.55: Del.S.p.353; Herib.p.37: *Cl. Nav.p.160: - (C.minuscula)*

MICROSTOMA, R.S.D.p.22-10f3; Prit.p.377: R.E.D.p.36; Del.S.p.355;

MINOR, Ag.Cons.p.3: British Flora p.414:

(*Cocconema cistula*; -*Tristilia*; -*Sirirella thermalis*.)--

MINUSCULA, Grun.-Atlas 9f33-31: Del.Syll.p.359: - (*C.microcephala*.)

Laponica, Cl. Nav. p. 165-4 f28: Cl. M. # 271:

Lata, Gn. - Cl. Nav. p. 165-4 f27:

Leptoceras, Cl. 1895 p. 18:

" v. angustata, Gn. 1882 p. 142-29 f33, 34: Cl. Nav. p. 163:

" v. excisa, Pet. - Gn. 1882 p. 142: Cl. M. 145: Cl. Nav. p. 163:  
(C. turgida, var. ex.)

" v. minor, Gn. 1882 p. 142-29 f32: Cl. Nav. p. 163:

" forma curta, Henb. p. 220:

lunula, (C. gracilis.)

Mexicana, S. Cl. Nav. p. 177: - (C. Kant.; Cocconeus.)

microcephala, Le D. 2, 20. 17 p. 100-7 f8: a. Cl. 1895 p. 17



- MINUTA, Hilse, Rab. Alg. p. 66, 1363; Alg. Eur. No. 1261; R.E.D. p. 31; Perag. p. 55: (C. gracilis, v.: -Encyonema ventricosum.) ----
- MOOREIANA, Grun.-Atlas 9f71-75; Det. Syll. p. 359: Cl. Nav. p. 167:
- NAVICULA, Ralfs, Prit. p. 377; Atlas 9f35; M.T.P. 3-2-5; Det. S. p. 370: (Cocconeis.) ----
- NAVICULACEA, Grun.-Cl. & M. No. 272; Cl. 1331f. 4, 13-3f11; 1391f. 45; Det. Syll. p. 357: (C. incerta, v.) (C. pisciculus, v.) ---
- " v. incerta, Cl. 1331f. 12; 1391f. 45:
- NAVICULAEFORMIS, A. Persw.-Rab. Alg. Eur. 1055; Herib. p. 103-1f3; Kinnora; Cl. 1337f. 667; 1333p. 236; Schum. H.T. pp. 42, 63-2f29; Gallia, Papan; Lake Michigan; Kirch. Alg. Schl. p. 137; A.J.M. 1373p. 103; Wille pl. 7f7, 14; Herib. p. 65: Cl. Nav. p. 166: (C. anglica, pp.: - (C. cuspida, v.) ----
- " var., H. V.H.S. pl. 2f5:
- NEUPAUERI, Pant. 2p. 40-11f137; Det. S. p. 353: - (C. leptoceras.)
- NORVEGICA, Grun.-Atlas 9f67, 68; 10f38, 41; Cl. 1391f. 45; Kinnora; Herib. p. 37; Det. Syll. p. 359: Cl. M. #268. Cl. Nav. p. 169: Cl. 1875:
- NOVILUNARIS, Ag. Cons. p. 9; K.S.A. p. 37; Det. Syll. p. 361: Bot. Zeit. 1826:
- OBTUSA, Pantoc. 3p. -5f79: - (C. aequalis.)
- OBTUSA, Grun.-M.J. 1356p. -1f19; S.B.D. 2p. 102; Prit. p. 377; Italy; Sm. Sp. 1. 645; Carr. p. 99; Petit, Nimrod; Malaisie; Atlas 9f41-45; 71f72; V. H.S. p. 31-3f1a; 1. 129; Dannf. p. 22; Det. S. p. 351; Herib. p. 65:
- " v. diminuta, Grun.-V. d. T. No. 129 sub: - (C. aequalis, v. diminuta.)
- OBTUSIUSCULA, K.B. p. 79-3f68; K.S.A. p. 57; R.S.D. p. 23-7f3; Prit. p. 376; New Zealand; Schum. H.T. p. 64; R.E.D. p. 32; Italy; Atlas 9f49; Amazon; Kinnora; Cl. Nav. p. 161: (C. cuspida, v.) ----
- OLIVACEA, Breb. Alg. Ital. p. 51, pl. 7; Det. S. p. 370:
- OPERCULATA, Ag. Cons. p. II: Bot. Z. 1827: (Fristulia: - (Cyclotella.) -
- ORSINIANA, Rabh. S.D. p. 23; R.E.D. p. 32; Det. Syll. p. 359: (Cocconeis gibba, v.: -Fristulia.) -
- OVALIS, Breb. Alg. Ital. p. 50, pl. 7: (Amphora; -Cyclotella.) ---
- PACHYCEPHALA, Rabh. S.D. p. 22-7f10; Prit. p. 376: (C. eurycephala.) ----
- PACHYPTERA, Pant. 3p. -21f304, 315;
- PARVA, H. V. d. S. p. 34-2f14; 1. No. 23; Lake Michigan; Cl. 1331f. 4; 1391f. 47; Gallia, Papan; Wille pl. 7f19; Herib. p. 70: Cl. Nav. p. 172: (Cocconeis; -C. affinis: -C. euryptera, v.) Coc. pachyptera.)
- PAULI, Her. & Perag. -Herib. p. 70-3f11: - (C. cistula v. mac.)
- PEDICULUS, K.B. p. 30-5f3; 3f7; K.S.A. p. 53; A.M.N. 4. 1353p. 2-1f13-20; R. Bac. No. 19; R. Alg. No. 461; Neupauer p. 192-2f41; Schum. H.T. p. 64; R.E.D. p. 32; Perag. p. 55; Ebert, Cassel; Bellec, Lichon: (Amphora; -Cocconeis; -Fristulia lens.) --
- PELAGICA, Castr. 1337p. 21-27f4; Det. Syll. p. 359;
- PERAGALLOI, Pant. 3p. -42f534;
- PERFECTA, Pant. 3p. -17f249: (C. cymbiformis.) ---
- PHOENICENTERON, Ag. Cons. p. 10: - Bacillaria: - (Navicula; -Stauroneis.) --
- PICTA, Breb. Alg. Ital. p. 50, pl. 7: (Cystopleura & Epithemia turgida.) -
- PISCICULUS, Grun.-M.J. 1356p. 5-1f20; S.B.D. 2p. 102; Prit. p. 376; Carr. p. 99; Italy; R.E.D. p. 79; Kinnora; Sm. Sp. 1. 646: - (C. gracilis, v. laevis.) --



+ naevifrons, a. cl. 1880

oregonica, Cl. trav. p. 167-4 f 25:

parva, a. cl. 1895 f. 1; ci. 570 # 3. 57

" var. hungarica, Gn. - Cl. trav. p. 172: - (Cocona. L.)

+ perpusilla, a. cl. 1880 p. 17-1 f 25:

PISCICULUS,

" var. *Cl. 1381. 13-10ff12* (*Nav. incerta*) *Cl. incerta. Cl. M. 96?*

PLUTONIA, Pant. 31. -20f297:

PORRECTA, Rabh. S. D. 1. 22-10f10; Prit. 1. 373; Italy; R. E. D. 1. 73;  
Det. Syll. p. 357;

PRAECLARA, Pant. 3p. -33f512:

PROSTRATA, Blum Alp. 1. 55-3f15; *Cl. Nav. p. 169: (C. encyonema: (Monema:*  
(*Encyonema p., paradoxum, maximum: -Glossonema paradoxum: -Schizonema.)*

PUSILLA, Grun. 1363p. 3; Amazon: Atlas 9f33, 37; V. H. S. p. 32-3f5:

Darrf. p. 22: Det. S. p. 351; Herib. p. 66: *Cl. Nav. p. 162:*

QUINQUEPUNCTATA, Breb. Alg. Ital. p. 51, pl. 7: Det. Syll. p. 370:

RAKOCZYANA, Pantoc. 3p. -3f121;

RENIFORMIS, Ag. Cons. p. 10: Leibl. Flor. pl. 1f2; Hook. Br. Fl. p. 414; Harvey  
Man. p. 215; S. B. D. 2p. 102: (*Cocconeoma cistula & r.: -Euastrum?*) -

RHEINHARDTII, Grun. -Atlas 9f27; Det. S. p. 369: *Cl. M. #132: Nav. p. 162:*

ROSTRATA, Rabh. S. D. p. 22-7f15; Prit. 1. 373; R. E. D. p. 73; Italy:  
Det. S. p. 360;

ROTUNDATA, Chase. -Lake Michigan: Wolle pl. III f19:

RUPICOLA, Grun. -Atlas 7f70, 71; Cl. Nares p. 314; V. H. T. 23 sub;  
Det. Syll. p. 370: *Cl. Nav. p. 162:*

SALINA, Pantoc. 2p. 40-1f9: Det. S. p. 353; *Cl. Nav. p. 176:*

SALINATUM, Grun. -Atlas 9f23; Darrf. p. 22: V. 1. 1. No. 22 sub;  
Cl. 1391p. 47; Det. S. p. 370:

SCALPRUM, Ag. Cons. p. 11: (*Navicula; -Pleurosigma.*) --

SCHMIDTII, Grun. -Atlas 9f43; Det. S. p. 369: *Cl. Nav. p. 161:*

SCOTICA, S. B. D. 1. 13-2025; Prit. 1. 377; Schm. 1. 1. 34; Amazon:  
Carr. p. 99; Hull; Arenig Bach; Atlas 10f22;  
(*Cocconeoma; -C. & Encyonema gracile.*) ---

" var. "b", S. B. D. 2, 1. 34;

SEMILUNARIS, Lagr. -Atlas 7f26: (*C. affinis, v.*) -

SIENOIDEA, Ag. Cons. p. 11: (*Bacillaria p. 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000*

SILESTIACA, Bleisch. -Law. Vol. 51. 56: *R. alg. Eur. 803. (Encyonema verticillatum, v.) ---*

SIMPLEX, Pant. 31. -21f303;

STUATA, Grun. -M. J. 1351. 4-1f17; Prit. 1. 375; Carr. p. 99: *Cl. Nav. p. 170:*  
R. E. D. 1. 33; Det. S. p. 361; (*C. abnormis; Gomp. h. asymmetricus*) --

SMITHII, Rab. E. D. p. 30; Strose, Kleinen: (*C. Helvetica.*) -

SOLPA, Breb. Alg. Ital. 1. 51, pl. 7: Det. S. p. 370: (*Cyrtolista.*) --

STAUDII, Pant. 31. -3f131;

STAUROBIFORMIS, Lagr. 1373p. 45-1f15; Atlas 7f62, 63; Law. 1374p. 121;  
Malaisie; Det. S. p. 354; *Cl. Nav. p. 165:*

STODDERI, Cl. -N. L. K. D. p. 5-1f5; Cl. & M. Nos. 212, 274; Wolle pl. 33f34;  
Det. S. p. 355; *Cl. Nav. p. 163:*

STOMATOPHORA, Grun. -Atlas 10f28-30; Pet. liste p. 18; Wolle pl. 7f17, 18;  
Lake Michigan; Herib. p. 63: (*Cocconeoma; -C. tumida, Breb.*)

STURII, Grun. 1332p. 140-33f1. S. p. 370; Pant. 31. -19f237: *Cl. Nav. p. 174:*

STUXBERGII, Cl. -Detoni, Syll. 1. 357: *Nav. p. 173-5f2:* (*Cocconeoma.*) ---

SMAVIS, Pant. 31. -15f229:

Simulata, Cl. 1895 p. 19:

" v. antiqua, Jr. - Cl. Nav. p. 171: - (C. albicincta, v.)

" v. fossilis, Pt. - Cl. Nav. p. 171: - (C. " v.) -

Spuria, Cl. Nav. p. 166: *See* 2, no. 17 p. 100 - 7 f 5, 6.

SUBAEQUALIS, Grun.-V.H.S.p.61-3f2,4; T.No.29; "A"fl: Herib.p.65:

Cl.139Ip.46; Det.S.p.351;

-(*C. aequalis*.)

" v. floridula. Grun.-V.H.S.p.1.3f3; T.No.30;-(*C. aequalis*, var. F.)

SZONTAGHII, Pant.3p. -10f161;

TUNICATA, Grun.-H.S.135p.37-4f3; R.S.D.p.21-7f3; S.B.D.2p.101: Prit.  
p.377: Carr.p.99; Schum.H.T.p.64; Gallik,Papan; R.E.D.p.30: Spamer,  
Duren; Det.S.p.357: Hoffmann, Marburg;

(*C. affinis*-Gregorii-cistula, var., & gastroides, v.)

TUMIDA, Breb.-V.H.S.p.64-2f10: T.21; Cl.Vega p.490; 139Ip.47; Det.S.

p.366: Herib.p.72:-(*Cystopleura*; -*Cocconera stomatophora* & t.) Cl.N.p.176.

TUMIDULA, Grun.-Atlas 9f33; Sm.S.1.7.347; Cl.&M.195; V.1.1.No.27;

(*C. maculata*, Breb.: -*C. affinis*, v., & *amphicephala*, v.)-- Cl. Nav.p.171.

TURGIDA, Hassall Alg.p.428-100f7: (*Cystopleura*; -*Epithemia*.)

TURGIDA, Greg.-M.J.135p.5-1f13; S.B.D.2,p.102: Prit.p.376: Carr.p.99:

Grun.1365p.9; Amazon: R.E.D.p.79: Atlas 9f34; Malaisie; Brun Alp p.

30-3f4; Pet.1383: Perag.p.55; Pant.3p.7-6f103; Bellec, Luchon;

(*Encyonema*.)-- Cl. Nav.p.168.1895p.19.

TURGIDULA, A.S., Atlas 9f23-26; Petit & Leud.; liste p.13; Dannf.p.

21; Cl.&M.No.36; Cl.138Ip.3; V.H.1.27 sub; Perag.p.55: Wille pl.

7127; Bellec, Luchon; Det.S.p.370; Herib.p.63: Cl. Nav.p.171. (*C. turgidula* sp.)

VALIDA, Pant.3p. -9f154:-(*C. cymbiformis*.)--

VARIABILIS, Reiberg p.110: Lagr.1373p.44: Cl.1363p.235:

(*Cocconera* v., *cistula*, *cymbiforme*, *lanceolatum*: *C. ventricosa*.)

" var." "a" *arctica*, Lagr.1373p.44-2f21:

(*Cymb.a.*)--

" var." "g" *botellus*, Lagr.1373p.44-2f22:

(*C. botellus*.)--

VARIABILIS, Wainwright.-Breb.Alg.3al.p. : Brun Alp.p.31-3f3; Cl.

1367p.367: Italy:

(*C. cistula*, v., &

*maculata*; -*Cocconema* v., *cistula*, *cymbiforme*, *lanceolatum*.)

VEGETA, Pant.3p. -24f359:

VENTRICOSA, Ag.Cons.p.9; W.B.p.30-6f16: W.S.A.pp.58,37: S.B.D.2,p.34;

R.S.D.1.23-7f9; Braemar; R.D.Ex.No.24; Wisse 1330p.353-1f12; Prit.

p.377: Sur.Jap.p.15-2f25; Girard Foss.p.9-2f11; Carr.p.99; R.E.D.p.

32: Hull; Bleisch, 1363; Italy; Ebert, Cassel; Petit liste p.13; Brun

Alp p.56-4f4; Hoffmann, Marburg; Spamer, Duren; Prollius p.55; Perag.

p.55; Wille pl.6f13: Cl. Nav.p.168. (*Cocconema gibbum*: -*Tristilia*;

*Cymbophora*; -*Encyonema* v., & var.: -*C. ventricosa*, var., & *affinis*.)--

YARRENSIS, Brun & T.p.1.71: Cl. Nav.p.162.

(*Encyonema*.)---

ZEBRA, Hassall Alg.p.428-100f8;

(*Epithemia*; -*Cystopleura*.)----

CYMBOPHORA.---- (Breb., 1838.)-- Kz. Syn. p.37=Subg. of *Gomphonema*:

CONFALIFORMIS, Breb., Cons.p.14:

(*Amphora*.)----

FULVA, Breb.Cons.p.14:

(*Gomphonema simplex*.)---

GASTROIDES, Breb.Cons.p.14:

(*Gomph. simplex*.)----

MACULATA, Breb.Cons.p.14:

(*Cymbella leptoceros*; -

*Encyonema lunula*; -*Enc. ventricosum*, var.)

VENTRICOSA, Breb.Cons.p.14;

(*Cymbella*; -*Encyonema*.)---



triangulum, E. Cl. Nav. p. 168: - (Ency.: - *Glacina*)

tumida, (Cocma. gibba: - C. Stomatoph.)

" var. borealis, Gn. - Cl. Nav. p. 176: - (C. Stomat. var.)

" v. fossilis, Gn. - Cl. Nav. p. 176: - (C. Stomat. ")

" " , gibba, Gn. - Cl. Nav. p. 176: - (C. Stomat. ")

turgida, Led. vol. 2, no. 17 p. 100. 1877

" var. excisa, Petit, Bull. Soc. Fr. 1877 pl. 152: - (C. Leptocoma ")

turgidula,

" v. salinarum, Gn. - Cl. Nav. p. 171:

Oestrup 1897 p. 311:

ventricosa, - (Ency. prot., pp., Quersmuller & caespitosa &

lunula: - Cocma. lunula: - C. maculata, silesiaca,

minuta, variabilis & affinis, var.) DC. 1845 p. 19:

" var. caespitosa, K. - (Ency. caesp. p.)

" var. obtusa, Gn. - Cl. Nav. p. 169: - (Ency. caesp. p.)

" v. ovata, Gn. - Cl. Nav. p. 169: - (Ency. caesp. p.)

-, Meneg. A.A. 2. p. 403:

ACARDII, K.B. 1. 77-20f3; V.S.A. p. 57; Italy: Prati. 1. 375-14f14; R.E.D.  
1. 113, f29; Grun. 1363p. 7; M.D. pl. 14f13; M. & R.S. 1. 33: M.T. P. 2-3-4;  
Fortm. Cey. p. 14; wolle pl. 29f5, 6:

(*Achnanthes seriata* & *subsessilis*: *A. boryana* var. *seriata*.)

MINUTULA, Grun. 1363p. 146-13f17; R.E.D. p. 113: (= *Achnanthes glaberrima* v.)

CYSTOPLEURA. --- (Zeb., 1847) -

- ALPESTRIS, Bieb. - K.S.A. p. 3: (C. alpestris, v.: - Epithemia.) -  
ARGUS, E. - Kunze Rev. Pl. p. 391; Del. Syll. p. 732: (Epithemia.) ---  
" v. alpestris, Bieb. - DeToni, Syll. p. 733: (Cyst. a.) -  
" v. Goeppertiana, Hilg. - DeToni, Syll. p. 733: (Epith. G.) -  
" v. longicornis, W.S. - DeToni, Syll. p. 733: (Epithemia & C. long.) ---  
ARGENTINA, Brun & Tj. - Del. S. p. 733: (Epith. A.) -  
BALTICA, Schum. - Del. Syll. p. 739; Kunze Rev. Pl. p. 739: (Epith. B.) -  
BIMARENSIS, Pant. - Del. Syll. p. 733: (Epith. B.) -  
CLAVATA, Dickie. - DeToni, Syll. p. 733: (Epith. c.) -  
CAPITATA, Schum. - Del. S. p. 739; Kunze Rev. Pl. p. 391: (Epith. c.) -  
CILIATA, Meneg. - Del. Syll. p. 739: (Ep. cil.) -  
COSTATA, Meneg. - DeToni, S. p. 739: (Ep. cost.) -  
CINGULATA, E. - DeToni, Syll. p. 790: (Ep. cing.) -  
CISTULA, Kunze Rev. Pl. p. 391; Del. S. p. 790: (Ep. cist.) -  
" v. lunaris, Grun. - Kunze Rev. Pl. p. 391; Del. S. p. 790: (Ep. lin.) -  
COCCONEMA, E. - Kunze Rev. Pl. p. 391; Del. S. p. 790: (Ep. coc.) -  
DEBYI, Pant. - DeToni, Syll. p. 737: (Epith. D.) -  
ERUCIFORMIS, Pant. - Del. Syll. p. 733: (Ep. eric.) -  
" v. subcapitata, Pant. - DeToni, Syll. p. 733: (Ep. sub.) -  
GIBBA, Kunze Rev. Pl. p. 391; Del. S. p. 730: (Ep. gibba.) -  
" v. Boryana, Pant. - DeToni, Syll. p. 731: (Ep. g., var.) ---  
" v. gibbosa, Schaarschmidt Aegin. p. 7; Del. S. p. 731: ---  
" v. parallela, Grun. - Del. S. p. 730: (Ep. par.) -  
" v. rectimarginata, Ratt. - Trans. Bot. Soc. Ed. (Tolstoa) 1883p. 433-  
29f6; Del. Syll. p. 731: ---  
" v. subparallela, Schaarschmidt Aegin. 1881p. 7; Del. S. p. 731; ---  
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+ *Nicotiana glauca* Greville, vol. 1 p. 77-5f 6a, b:

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BICEPS, Arnott.: - Cl. & M. No. 175;

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LOTOWII, Grun., in V.A.S.:-

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NITZSCHIOIDES, Grun.-Cl. & M. No. 191;

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 " v. tenuis, V. i. S. p. 130; T. 333; Det. S. p. 636: (D. Canis, v.)  
 ELONGATUM, Ralfs. -A. M. p. 1. Vol. 2, p. -9f1: (D. elongatum, v. i. S. p. 130)---  
 EXILARIA, Grun. 1362p. 2-11; Grun. C. p. 1. 53; Det. S. p. 636;  
 FASCIATUM, Ag. Syst. p. 5; Cons. p. 54: K. Syn. p. 57: (Exilaria.)--

+ fasciculatum, - (Echinella f., Surg.: - Diatrigidum: -

+ lanceolatum, - (Comp. v. h. individuali: - Diatoma f. vulgare)

Mouget & Hestang, # 598:

z, b:

+ Lynceus, (D. Tenne, P, marimum)





+ scalaris, Aq. Syst. p. 1; - (Fruit, obtusa.)

+ erectum Aq. Decad. #8: Syn. Scandinav. p. 118: - (Desmideum.) -

+ tenue, (Scot. Fl. p. 354 = dist. floc.);

" var. maximum, Lycop. H.T. p. 61: J. A. Exs. Dec. 14 No. 9: - (D. Lycopodium.)

" " δ, normale, K. S. A. p. 17: - (D. Tenue.)

" " ε, paradoxum, K. Syn. p. 52 f 64: - (var. "ε" dimotum.)

MINIMUM, Ralfs, Trans. Bot. Soc. Edinb. Vol. 2, p. 20; Prit. p. 773:

S.B.D. 2, p. 41-41f313: Carr. p. 30:

(*O. vitreum*, v.: -*Fragil. m.*, tenuicollis, & vitrea, v.: -*Ralfsia*.) -

MUTABILE, Ralfs, p. 53; Cl. 1337, p. 333; 1334, p. 219:

(*O. vitreum*, v.: -*Fragil. m.*, tenuicollis, & vitrea, v.: -*Ralfsia*.) -

PARASITICUM, Ag. Cons. p. 50: (*Exil. truncata*: - (*Frist.*: -*Syneura alba*.) -

(*Conferva*; -*Isthmia o.*, enervis, & nervosa.) -

PAXILLIFERUM, Breb. Cons. p. 12: (*Bacillaria p.* & *paradoxa*.) -

PECTINALE, Ag. Cons. p. 52: (*Dissep.* 34; Flor. Gann. pl. 1508f1; V.B. p. 47-

17f11; V.S.A. p. 13; R.S.D. p. 35-2f2; Prit. p. 773; Neupauer p. 139-1f2;

Carr. p. 30: V. i. S. pl. 50f23-25; Wille pl. 46f19, 20; Hoffmann, Marburg;

Herib. p. 151; Spamer, Duren;

(*Bacillaria p.*, elongata, flocculosa, Ptolomasi, seriat; -*O. fragilis*,

tende, var., & subtilis; -*Fragil. capucina*, Ptolomasi & p.) -

RAPIDUM, Ag. Cons. p. 52: (*Conferva*; -*Isthmia o.*, enervis, & nervosa.) -

RIGIDUM, DeCandolle, Flore Francaise: (*Achnanthes* p. 151, 152)

RHOMBICUM, O'M.-J.L.S. 1375, p. 55-1f2; Castr. 1387, p. 57-25f22; Det. S. p. 338:

\* SCALARIS, Grateloup, Soc. Med. Montpellier: (*Syneura alba*.)

STELLARE, Ralfs, S.B.D. 2, p. 31: - (*Asterionella Blackleyi* & *Ralfsii*.) -

STELLARIS, Bailey M.O. p. 39;

\* STRIATUM, Ralfs, p. 53; Cl. 1337, p. 333; 1334, p. 219:

Bot. pl. 1923: (*Achnanthes*, *Rhabdonema* & *Tessella* are not in.) -

SUBTILE, Grun. 1352, p. 355-11f12; Italy: (*O. pectinalis*.) -

SULPHURASCENS, Ag. Cons. p. 53; K. Syn. p. 55:

(*O. tende*, v.: -*Frag. virescens*; -*Bacill. pectinalis*.) -

+ SWARTZII, Lyngh. Hydr. Tent. p. 176, pl. 31: *Ag. Sw. Bot. p. 491* f. 2, 3: (Non-Diatomaceous.) -

TABULATUM, Ag. Cons. p. 50: (*Syneura t.* & *Gaillon*.) -

TALIAEFORME, Ag. Cons. p. 54: K. Syn. p. 55:

(*Conferva*; -*O. pectinalis*.) -

TENUE, Ag. Syst. p. 4; Cons. p. 52; Swed. Bot. pl. 494, 5; Lyngh. Hydr. Tent. p.

179, pl. 61f 3: K. Syn. p. 52f61; K.B. p. 43-17f9, 10; V.S.A. p. 13; R.S.D. p.

p. 121-2f13; 1343, 451-9f1; Brit. Fl. Vol. 6, p. 354; R.S.D. p. 35-2f5; R. Al.

701 sub; Marissal; Braemar; Prit. p. 779; Grun. 1352, p. 352; R.E.D. p. 122;

O'M. I. S. p. 292; Neupauer p. 139-1f3; M.T.P. I-3-3; Prollins p. 73; Cl.

M. 229; Petit & Leid.; Italy: Sm. Sp. 7, 133; Gann. p. 44; Br. Al. p. 113-

4f14; Tanarek 1379, p. 55; Hoffmann, Marburg; V. i. S. pl. 50f14a, b; Spamer,

Duren; Lagr. 1334, p. 43, 14; Parag. p. 72; Wille pl. 46f23-25; Cl. 1391, p. 32;

Herib. p. 151: (*Bacillaria p.* & *paradoxa*.) -

*O. elongatum*, v.: -*Bacill. pectinalis*, Mitz., & *vulgaris*, v.: *Conferva floccul.*

" var. "a" *horiliforme* & , K. Syn. p. 52f63; K.B. p. 43-17f11 (5, 10); V.S.A. p.

17; Neupauer p. 139-1f3(3);

" var. "b" *intermedium*, Lyngh. Hydr. Tent. pl. 31, 32; K. Syn. p. 52f61; V.

p. 13-17f9, 10, 11; V.S.A. p. 17: (*O. pectinalis* & *intermedium*.) -

" var. "g" *cuneatum*, K. Syn. p. 52f62; K.B. p. 43-17f19 (1, 2); Neupauer p.

139-1f3(4); (*Bacillaria c.*)

" var. "e" & *dimidiatum*, K.B. p. 43-17f10 (17);

K.S.A. p. 17; Italy:









BALFOURIANA, Gräv.-A.M.N. 1. 1855: 51-4f10-13; Prit. p. 310-4f51, 52; Carr. p. 90; New Zealand; Grön. 1852 p. 409; 1853 p. 5; R.E.D. p. 300, 173; Sm. Sp. T. 650; Brun Alp. p. 129-9f13; M.T.P. 2-1-1; Lat. 1873 p. 20; Par. p. 74; Cl. 1891 p. 64; Det. Syll. p. 1742; (Diatoma Australis; -Grammatophora.) --  
α. ce. 1895 p. 37: ostrup 1897 p. 246

## DIATOMOSIRA. --- (Frederick 1871)

PECTINALIS, Trevisan, Alg. Coccot. p. 95: (Diatoma elongat. v. pect. is.) ---  
 CAPUCINA, Trev. Algues Cocc. p. 95: (Fragilaria.) ---  
 HYALINA, Trev. Alg. Coccot. p. 95: (Fragil.) ---  
 VITREA, Trev. Algues Coccot. p. 95: (Fragil. hyalina, v.) ---

## DICHOMENEIS. --- (Ehrh., 1872?)

SUBTILIS, E. - Abh. Ber. 1872 p. 291-9f13: (Ehrh.)

## DICTYELLA. ---

-, Meneg. A.M.D. p. 457;

CRUCIGERA, De Toni, Syll. p. 309: (Schizonema & Stauronema)

CANESTI, Thwaites. - A.M.N. 1. 1843 p. 71-12f "K": Ann. Sci. Nat. 1849: 10-2f "K" 1, 3, 4; Prit. 1852 p. 124f30; Det. S. p. 310: (Mastogloia.) -

PINNATA, Ralfs. - A.M.N. 1. 1851 p. 15f3; S.B.D. 2 p. 33-54f343; Prit. p. 925; R.E.D. p. 264, f69(1); Carr. p. 114; O'M.I.D. p. 329; Sm. Sp. T. 103; Det. Syll. p. 311: (Schizonema mesoglossoides.) ---

ULVACEA, Berkely in litt., 1844; K.B. p. 119; K.S.A. p. 100; V. u. S. p. 1. 10f 10; Bot. Cblt. 1833 p. 1520; Det. S. p. 309: (Navicula.) ---

ULVACEA, Berk. - A.M.N. 1. 1845 p. 1. 9; Prit. 1852 p. 124f30; S.B.D. 2 p. 33-54f343; Prit. p. 925-15f31; R.E.D. p. 264, f69(2); M.D. 11. 14f13; Carr. p. 114; O'M.I.D. p. 329-29f14;

## DICTYELLA. ---

-, A.J.S. 1844 p. 1. 3f24-27;

-, 1845 p. 204;

-, A.J.S. 1843 p. 333-4f29;

-, De Toni, Ost. Mac. 1890 p. 920;

ANNULATA, E. - Abh. Ber. 1844 p. 201; M.T.P. 2-1-1; R.E.D. p. 322; Det. Syll. p. 1002;

ANNULATA, Gräv. - A.M.N. 1. 1851 p. 15f3; S.B.D. 2 p. 33-54f343; Prit. p. 925-15f31; R.E.D. p. 264, f69(2); M.D. 11. 14f13; Carr. p. 114; O'M.I.D. p. 329-29f14;

ANNULATA, E. - Abh. Ber. 1844 p. 201; M.T.P. 2-1-1; R.E.D. p. 322; Det. Syll. p. 1002;

CAPRA, E. - Abh. Ber. 1844 p. 79; M.T.P. 2-1-1; R.E.D. p. 322; Det. Syll. p. 1002: (Pantula.) ---

CAPREOLUS, E. - Abh. Ber. 1844 p. 73; M.T.P. 2-1-1; R.E.D. p. 322; Det. Syll. p. 1002: (Pantula.) ---

CLATHRATA, E. - Abh. Ber. 1844 p. 79; M.T.P. 2-1-1; R.E.D. p. 322; Det. Syll. p. 1002: (Pantula.) ---

CLATHRATA, E. - Abh. Ber. 1844 p. 79; M.T.P. 2-1-1; R.E.D. p. 322; Det. Syll. p. 1002: (Pantula.) ---

CLATHRATA, E. - Abh. Ber. 1844 p. 79; M.T.P. 2-1-1; R.E.D. p. 322; Det. Syll. p. 1002: (Pantula.) ---

CLATHRATA, E. - Abh. Ber. 1844 p. 79; M.T.P. 2-1-1; R.E.D. p. 322; Det. Syll. p. 1002: (Pantula.) ---

marginata.

" *var. latissima*, Gr. - Cl. 7. n. 1 p. 31:

(var. Sp., p. p. - D. Sp. 4, a. 5.) -

*marginata*, Raut. - No. p. 32: - (var. *marginata*). -



GROENLANDICA, Cleve 1373p. 12-2f10; Det. Syll. p. 1002: -(D. nitida.)---

JAPONICA, Pant. 31. -5f70; Det. S. p. 1003;

MITRA, — Bailey, A. J. S. 1356p. 4-1f6; Prit. p. 333; R. E. D. 1. 322; V. A. S. pl. 106f12, 13; Cl. Vega p. 437; Wollé pl. 64f3, 4; Det. S. p. 1002:

(D. Groenlandica.)--

MAMPILLANA, E. W. 1. -3. J. 1. 1331. 332-2f11-12; Det. Syll. p. 1002:

ROBUSTA, Grev. -T. M. S. 1335p. 93-3f11: -

(D. nitida.)

DICLADIOPSIS. --- (E. L., 1874) -

BARBADENSIS, Grev. -De Toni, Syll. p. 1003:

(D. nitida.)

ROBUSTA, Grev. -De Toni, Syll. p. 1003:

(D. nitida.) -

DICTYOCHYA. ---- (E. L., 1832) -

-, Menz. A. J. 3. 1. 133:

-, A. J. S. Vol. 46p. 140-3f13-20:

-, Weisse 1354p. 246, f" C":

Det. Syll. p. 1426:

-, Wollé pl. 43f25-28:

-, E. W. 1. 1333p. 33:

Genus Non-Diatomaceus; 1

DICTYOLAMPRA. --- (E. L., 1847) -

STELLA, E. -Abh. Ber. 1347p. 54: Mg. pl. 36f53; Abh. Ber. 1372pl. 1f3;

M. D. pl. 43f63: Prit. p. 313-5f53:

DICTYONEIS. ---- (C. C., 1873) -

MASTOGLONIA, Cl., De Toni, Syll. p. 196: -

(Navicula.) -

BILOBATA, Leu. -Leu. -Det. Syll. p. 197:

(Navic.) --

CEYLANENSIS, Leu. -Det. S. p. 197: -

(Mast.)

JANISCHENSIS, Grev. -Cl., Leu. Vol. 1. 1. 13; Cl. Nav. p. 30-5f32; Det. S. p. 194:

(Mastogloia reticulata: -Nav. J. & Ceylensis.) ---

" v. gigantea, Cl. Nav. p. 30-5f35, 36:

MARGINATA, Lewis. -Cl., Leu. Vol. 1. 1. 16: Atlas 160f21, 22, 23, 29; 133f47;

Cl. Nav. p. 30; Det. S. p. 194;

(Mastogloia reticulata; -

Nav. marg., v.: -N. Janischii, Kossuthii, reticulata, strangulata.) -

" forma convexa, Cl. -Atlas 160f17-19: Det. S. p. 195; Mastogl. Clevei.) ---

" forma curta, Cl. Atlas 160f20; Det. S. p. 195: -(for. brevis): ---

(Mastogloia reticulata reticulata, v. majorica.) --

" forma elongata, Cl. -Atlas 160f30, 31; Det. S. p. 195;

(Pseudo-diploneis; -D. marg. var. commutata.) --

" forma minor, Cl. -Atlas 160f23:

" v. Clevei, Brun. -Atlas 188f43; Cl. Nav. p. 31: -(Mastogl. C.) ---

" v. gigantea, Cl. Nav. p. 31:

" v. commutata, Cl. Nav. p. 31; -(D. marg. for. elongata.)

" var., Cleve. -Atlas 133f43;

" v. Janischii, Cl. Nav. p. 31; Atlas 133f50: -(Navic. J.) ---

" v. intermedia, Cl. Nav. p. 31: -(Mastogloia i.) --

MARGINATA, Cl. -Leu. Vol. 1. 1. 16; Det. S. p. 193; Cl. Nav. p. 30-5f34;

PANDURIFORMIS, Cl. -Leu. Vol. 1. 1. 16; Det. S. p. 194; Cl. Nav. p. 31: -(Mastogl.)

7 Conica, Cl. Hentich p. 155:

Didymosphenia, Grun., 1899.

Curvirostris, Sp + Bn - atlas 214 f 4-6: - (Gomph.)  
geminata, Lyn., - atlas 214 f 7-10: - (Tomphonema)  
" var. stricta, ad., atlas 214 f 11, 12: ( " str.) -  
Sibirica, Gn. - atlas 214 f 1-3: - (Gomph. geminata)

PANTOCSEKII, Clave, LeD. Vol. I. 13; Cl. Nav. p. 32:

(Nav. mastoploidea & P.) -

RUGOSA, Brun & Tl. - Cl., LeD. Vol. I. 17; Atlas 130f33; Del. S. p. 190;

Cl. Nav. p. 32:

(Mastoploidea) -

SPECTATISSIMA, Cl. - Atlas 130f24-25, 32; Del. S. p. 190;

(Navic.: -D. marginata, var. s.) -

SUBCONSTRICTA, Cl. Nav. p. 31-5f31:

THUMII, Cl. - LeD. Vol. I. 15; Del. S. p. 194; Cl. Nav. p. 31-5f33;

DICTYOPYXIS. --- (Ehn. 1844) -

BREVIS, Grev. - T.M.S. 1362p. 22-2f2; R.E.D. p. 36:

(Eudictyna oceanica)

CRUCIATA, E. - M.D. Ber. 1344p. 267; Mg. pl. 13f15; 20-1f15; 33-1f15; 33-1f17;

33-1f17; 33-1f17; 33-1f17; 33-1f17; 33-1f17; 33-1f17; 33-1f17; 33-1f17;

33-1f17; 33-1f17; 33-1f17; 33-1f17; 33-1f17; 33-1f17; 33-1f17; 33-1f17;

33-1f17; 33-1f17; 33-1f17; 33-1f17; 33-1f17; 33-1f17; 33-1f17; 33-1f17;

33-1f17; 33-1f17; 33-1f17; 33-1f17; 33-1f17; 33-1f17; 33-1f17; 33-1f17;

33-1f17; 33-1f17; 33-1f17; 33-1f17; 33-1f17; 33-1f17; 33-1f17; 33-1f17;

33-1f17; 33-1f17; 33-1f17; 33-1f17; 33-1f17; 33-1f17; 33-1f17; 33-1f17;

33-1f17; 33-1f17; 33-1f17; 33-1f17; 33-1f17; 33-1f17; 33-1f17; 33-1f17;

33-1f17; 33-1f17; 33-1f17; 33-1f17; 33-1f17; 33-1f17; 33-1f17; 33-1f17;

33-1f17; 33-1f17; 33-1f17; 33-1f17; 33-1f17; 33-1f17; 33-1f17; 33-1f17;

(Pyxidicula) -

33-1f17; 33-1f17; 33-1f17; 33-1f17; 33-1f17; 33-1f17; 33-1f17; 33-1f17;

(Pyxidicula) -

33-1f17; 33-1f17; 33-1f17; 33-1f17; 33-1f17; 33-1f17; 33-1f17; 33-1f17;

33-1f17; 33-1f17; 33-1f17; 33-1f17; 33-1f17; 33-1f17; 33-1f17; 33-1f17;

(Pyxid.) -

DIMEREGRAMMA. --- (Raf. 1841) -

ARCUS, Arnott. : --- - ?

(Campylosira cymbelliformis) -

BALDUICKII, Rafs., - Prit. p. 791; W. & C. I. 1-1f3;

(Achnanthes; -Odontidium; -Raphoneis.)

BIROSTRE, Rafs., Prit. p. 790:

(Frag.) -

BORYANUM, Pant. 2p. 62; 3p. - 23f342; Del. S. p. 713;

CAPITATUM, Rafs., Prit. p. 790; Gr. n. 1362p. 377; Carr. p. 35; O.M.I.D. p. 136;

Del. Syll. p. 712:

(Denticula) -

CEYLANICUM, Cl. Vega p. 507-37f53; Del. Syll. p. 713;

CONSTRUENS, E. - Sm. Sp. 1. 140: -

(Fragil.: -Stenossira) -

DISTANS, Rafs. - Prit. p. 790-4f31; Gr. n. 1362p. 373; Carr. p. 35; O.M.I.D. p. 136;

Carr. p. 35; O.M.I.D. p. 239; Fortm. Cey. p. 51; Lagr. 1376p. 13;

(Denticula; -Glyphodesmis) -

DURUM, V. S. S.

pl. 33f18:

(Denticula) -

FOSSILE, Gr. n. - Cl. & M. 215; Pant. I. 23-3f67; 27f265; 2, 1. 32; Notar.

1338p. 622; Wille 11. 63f27; Del. S. p. 713;

FULVUM, Grev. - Prit. p. 790; Gr. n. 1362p. 376; Italy; R.E.D. 1. 124;

Carr. p. 35; Lagr. 1376p. 13; V.H.S. pl. 36f7; J.Q.C. 1337p. 73; Malaisie;

Atlantic City; Del. S. p. 712; Wille 11. 51f22: - (Denticula; -D. fulva) -

FURCIGERUM, Gr. n. - V.H.S. pl. 36f8; Del. S. p. 712: -

(D. fulva, v.) -

GREGORIANUM, Gr. n. 1362p. 375-7f21-23; R.E.D. p. 125, 136b, c; Italy;

Malaisie:

(D. & Denticula rana)

10. 12. 1880. 10. 1880.

Diplamphora.  
Subgenus Amphora - Vide Cl. Mar. Sp. 107.



- HARRISONI, Ralfs, Prit. p. 790-3f3; Carr. p. 35: (Odontidium.) --  
 " var. "b", tenellum, Carruthers p. 35:  
 INFORME, Ralfs, Prit. p. 790; R.E.D. p. 120: -(Odontidium i. & Harrisoni.) --  
 LEPTOCEROS, Ralfs, Prit. p. 790: (Fragil.: -Odontidium.) ---  
 MARINUM, Greg. - Ralfs, Prit. p. 790; Carr. p. 35; R.E.D. p. 124; O'M.I.D. p. 239; V.H.S. pl. 36f9; Malaisie: Shark River; Villef. p. 64; Woll. 45f4, 5; Det. Syll. p. 712: (Denticella.) --  
 MINUS, Greg. - Prit. p. 790; Grun. 1362p. 376-7f29; 1363p. 23, 95; R. E.D. p. 123; Carr. p. 35; O'M.I.D. p. 239; Fortm. Cey. p. 50; Cl. 1373p. 22; V. H.S. p. 146-36f10, 11a; Italy: Villef. p. 64; Det. S. p. 711: (Denticella.) --  
 " v. nana, V.H.S. p. 146: (D. nanum.)  
 MUTABILE, Ralfs, Prit. p. 790; Carr. p. 35: -(Frag. amphioxys; -Odontidium.) --  
 NANUM, Prit. p. 790-4f33; Grun. 1363p. 2: Carr. p. 35; R.E.D. p. 123; Italy; Albat. Baltic; O'M.I.D. p. 239; Fortm. Cey. p. 50; V.H.S. pl. 36f11; Det. S. p. 711: (Denticella; -D. minus, var., & Gregorianum.)  
 " v. minima, Grun. - V.H.S. pl. 36f13;  
 " v. parva, Grun. - V.H.S. pl. 36f12: Malaisie;  
 " v. Thaitiensis, Castr. 1337p. 46-19f5; Notar. 1339p. 635; Det. S. p. 712:  
 PINNATUM, Ralfs, Prit. p. 791-3f4; (Stauroneis; -Odontid. Harrisoni, "b")  
 NOVAE-CESARAE, K. & S. - T.B.C. Vol. 16p. 74-39f1, 1b; Woll. pl. 5f16; Det. Syll. p. 714;  
 " v. obtusa, K. & S. - T.B.C. Vol. 16. 74-39f1a; Woll. pl. 5f22; Det. Syll. p. 714;  
 RHOMBUS, Ralfs, Prit. p. 790: (Fragilaria.) ---  
 SINUATUM, Ralfs, Prit. p. 790-4f12; Carr. p. 35; Sn. Sp. T. 141; (Denticella; -Grunowia; -Nitzschia; -Odontidium.) ----  
 SPECIOSUM, Ralfs, Prit. p. 791: (Fragil.: -Odontid.) -  
 SURIRELLA, Ralfs, Prit. p. 791; Cl. 1373. 11; Det. S. p. 712; (Frag.: -Rhapsonsis s. & rhombus; -Zygocelos.) -  
 TABELLARIA, Ralfs, Prit. p. 790-4f35; Carr. p. 35; Mylanzi, n.: - (Fragil. & Stauroneis constricta; -Odontid.) --  
 " var. "b" constricta, Carruthers p. 35:  
 TRIUNDULATUM, Grun. 1362p. 377-7f31; R.E.D. p. 124; Det. S. p. 714; Italy;  
 VENTRICOSUM, Grun. - Heuw. Vol. 6p. 2; Cl. 1373p. 11; Det. Syll. p. 713: (Denticella.) -  
 WILLIAMSONI, Grun. 1362p. 377; R.E.D. p. 123, f30a; Lett. 1376p. 13; Malaisie: (Diauesis; -Glyphodesmis; -timantidium.) -

## DIOMPHALA. ----- (Ehr., 1842.) -

- CLAVA-HERCULIS, E. - Abh. Ber. 1342p. 353; Mg. pls. 15A, f93; 33-2f14; (Gomphonema pinnatum.) -  
 GLANS, E. - Mik. p. 90: (Gomph. glans.)

## DIPLOMETS. ----- (Ehr., 1844.) -

- ADVENA, - A.S. - Cl. Nav. p. 31: (Navicula.)  
 " v. parva, A.S. - Cl. Nav. p. 31: Oestrup 1897p. 312: (Nav. p.) --  
 " v. recta, Br. & det. - Cl. Nav. p. 31: (Nav. r.)  
 " v. Sansejana, Grun. - Cl. Nav. p. 31: (Nav. S.)



- ADONIS, Brn.-Cl.Nav.p.35: (Nav. a.)  
 " v. Ganymedes, Cl.Nav.p.35:  
 " v. pinnosa, Br.-Cl.Nav.p.35: (Nav. a., var. f.)  
 " v. Oamaruensis, Cl.Nav.p.35: (Nav. a., p. 1.)  
 AESTIVA, Donk.-Cl.Nav.p.94: (Nav. a.)  
 " forma "a" Cl.Nav.p.94;  
 " forma "b", Cl.Nav.p.94;  
 AETHIOPUM, E.-Mik.p.227;  
 AREOLATA, Cl.Nav.p.91-1f23:  
 BIOCULATA, Grun.-Cl.Nav.p.30: (Nav. b.)  
 " v. vittata, Cl.Nav.p.30-1f13:  
 BISERIATA, Cl.Nav.p.102: Atlas I74f12:  
 " v. Gallopagensis, Cl.Nav.p.103-2f16;  
 " v. lata, Cl.Nav.p.103-2f14;  
 BINARIA, A.S.-Cl.Nav.p.36: (Nav. b.)  
 APIS, E.-Abh.Ber.I34Ip.426-pl.3-7f13; Nord.p. -2f3:-(Nav.:Pinn.)----  
 BASILICA, Brn.- (Navicula.)  
 BOLDIANA, Cl.I39Ip.43-2f12: Cl.Nav.p.92: a, a, 1895  
 BOMBIFORMIS, Cl.Nav.p.37-1f26;  
 BOMBOIDES, A.S.-Cl.Nav.p.33:-  
 (Nav. b., didyma, diplosticta, williamsoni.)-  
 " v. Madagascarensis, Cl.Nav.p.33-1f22;  
 " v. " forma minor, Cl.Nav.p.39:  
 " v. moesta, A.S.-Cl.Nav.p.39: (Nav. m. & andesticta.)----  
 BOMBUS, E.-Abh.Ber.I344p.34; Mg.pls.I9f3I; 35A-23f3; Atlas I74f1I:  
 Cl.Nav.p.90:-(Pinn.:Nav. b., genuine et abnormis.)  
 " v. bullata, Cl.Nav.p.90:  
 " v. densestriata, A.S.-Cl.Nav.p.90:-(Nav. gemina, var. "a", & undulata.)--  
 " v. gemina, A.S.-Cl.Nav.p.90:-(Nav. gemina, var. "b".)  
 BOREALIS, Grun.-Cl.Nav.p.95: (Nav. Smithii var. "b", & 1898 p. 100 f. 11)  
 " v. subconstricta, Cl.Nav.p.96:  
 CHINENSIS, Cl.Nav.p.39-1f25;  
 CLEPSYDRA, Cl.Nav.p.37-1f29;  
 COARCTATA, A.S.-Cl.Nav.p.36:- (Nav. c.)  
 CONOPS, E.-Mik.p.370:  
 COCCONEIS, E.-Mik.pl.I9f33: *Cocconeis acutellum*  
 CIRCUMNODOSA, Br.-Cl.Nav.p.33:-(Nav. c.)-  
 CONSTRICTA, Grun.-Cl.Nav.p.33:-(Nav. c., misca & Donnini, p. 1.) *acutellum*  
 " forma distans, Cl.Nav.p.34;  
 " formaminuta, Cl.Nav.p.34: *acutellum 1897 p. 312*:  
 CONTIGUA, A.S.-Cl.Nav.p.32:-(Nav. c. & Thumii.)  
 " v. Eudoxia, A.S.-Cl.Nav.p.33:-(Nav. E. & Mediterranea, p. 1.)  
 " v. Eugeniae, A.S.-Cl.Nav.p.33: (Nav. Eug.)  
 " v. Zechenter, Pant.-Cl.Nav.p.32:-(Nav. z.)--  
 CONGRUA, Jan.-Cl.Nav.p.32:-(Nav. c.)  
 COMPAR, Jan.-Cl.Nav.p.31:-(Nav. c.)-  
 CHERSONENSIS, Grun.-Cl.Nav.p.91:-(Nav. c., apis, Ehr., & Zantsehii.)

+ domblattensis.

" var. subconstricta, a. cl. 1895 p: 17-1 f 102



- CAMPYLODISCUS, Grun.-Cl.Nav.p.99: (Coccodiscus costatus:-  
 Nav.c., & suborbicularis var.Nankooensis.)-
- CONFORTIFORMIS, A.S.-Cl.Nav.p.81: (Nav.c.)  
 " v.angustata, A.S.-Cl.Nav.p.81: (Nav.c. & var.c.)---  
 " v.suborbicularis, A.S.-Cl.Nav.p.81:
- CYNTHIA, A.S.-Cl.Nav.p.32: (Nav.C.)  
 " v.elongata, Cl.Nav.p.32:  
 " v.minuta, Cl.Nav.p.32;  
 " v.Sibirica, Cl.Nav.p.32:
- CRABRO, E.-Abh.Ber.1344, 35; Mg.pl.19129a-c: (Nav.c. & japonica.)--  
 Cl.Nav.p.100:  
 " v.confecta, A.S.-Cl.Nav.p.102: (Navic.c.)  
 " v.angusta, Cl.Nav.p.101-203;  
 " v.dilithombis, A.S.-Cl.Nav.p.102: (Nav.c.)  
 " v.expleta, A.S., Al.Nav.p.100: (Nav.c.)  
 " v.Giebelii, A.S.-Cl.Nav.p.102: (Nav.G.)  
 " v.floriosa, Br.-Cl.Nav.p.101: (Nav.j.)  
 " v.hungarica, Cl.Nav.p.101-2f10:  
 " v.limitanea, A.S.-Cl.Nav.p.100: (Nav.l.)  
 " v.minuta, Cl.Nav.p.102:  
 " v.multicostata, Grun.-Cl.Nav.p.102:  
 (N.crabro, p.p.: N.milt.: N.crabro, v.Oranensis.)  
 " v.Nankooensis, Grun.-Cl.Nav.p.102: (N.crabro, v.Nank.)  
 " v.O'Mearii, Grun.-Cl.Nav.p.102-2f12: (Nav.O'M.)  
 " v.ornata, Cl.Nav.p.102:-(Nav.c. & var.spilifera.)  
 " v.pandura, Brb.-Cl.Nav.p.100: (Nav.p. & var.elongata;-  
 Nav.navigans, nitida, mantichora, sideralis.)---  
 " v.pandurella, Cl.Nav.p.101-2f9;  
 " v.perpusilla, Cl.Nav.p.102:  
 " v.separabilis, A.S.-Cl.Nav.p.101:-(Nav.s., & crabro v.japonica.)  
 " v.subelliptica, Cl.Nav.p.101-2f11:  
 " v.sisipha, A.S.-Cl.Nav.p.101: (Nav.floriosa, inflata & s.)--  
 DALMATICA, Grun.-Cl.Nav.p.93: (N.Bohmerii & a.)  
 " v.villipolla, A.S.-Cl.Nav.p.93: (Nav.v.)-  
 (Nav.c.)-
- DEBYI, Pant.-Cl.Nav.p.93:  
 " v.elliptica, Cl.Nav.p.93:
- DIDELIA, E.-Mik.1356p.14;
- DIDYMA, E.-Abh.Ber.1341p.333; 1370p.12-1f13; 1372p.23; Mg.pls.13f69;  
 19f32; 21f34; 22f60a, b; 33-14f3; 33B-22f15; 39-2f27: Cl.1391p.42:  
 Cl.Nav.p.9): (Nav.p. & 97p.3) (Navic.: N.Bohmerii & a.)
- DOMBLITENSIS, Grun.-Cl.Nav.p.91-2f2; (Nav.c.: N.Bohmerii & a.)---  
 (Nav.c.)
- DEMPTA, A.S.-Cl.Nav.p.33: (Navicula.)  
 DISCREPANS, A.S.-Cl.Nav.p.33: (Navicula.)  
 DIVERGENS, A.S.-Cl.Nav.p.39: (Navicula.)  
 " v.digrediens, A.S.-Cl.Nav.p.39: (Nav.c. & var.c.)---
- ELLIPTICA, V.-Cl.1391p.42; Nav.p.92: 1895p.17: (28thp 1897p.3/3:  
 (Nav.c. & var.minor; N.Bohmerii & a.)  
 " v.Bohmerii, Grun.-Cl.Nav.p.91: (Nav.c. var.Bohmerii.)-  
 " v.Laodensis, Cl.1391p.42-210; Nav.p.91: (Nav.c.)  
 " v.ostreocuarum, Pant.Cl.Nav.p.92: (Nav.c.)





littoralis.

" var. *clathrata*, Oestr. Mar. D. 3 f 15: 1897 p. 313:

" var. *hyperborea*, Cl. - Oestrup 1897 p. 313: Mar. D. pl. 40:

major. Cl. - Oestrup 1897 p. 313:



- GUINARDIANANA, Brin.-Cl.Nav.p.35: (Nav.G.)
- INTERRUPTA, K.-Cl.I39Ip.42; Nav.p.34:  
(Nav.i., & var.Novae-Z.; N. p. 111a.)
- " v. clancilla, A.S.-Cl.Nav.p.34: (Nav.c.)
- " v. Gorjanovicii, Pant.-Cl.Nav.p.34:  
(Nav.G. & var. major; -N. suspecta var. Czern.)--
- " v. Tallyana, Cl.Nav.p.34; Grun.I332p.150-30f59;
- " v. Weisneri, Pant.-Cl.Nav.p.34: -(N. Weis., & interrupta & v. foss.)
- " v. Zanzibarica, Grun.-Cl.Nav.p.34: (N. int. v. Zanz.)
- INCURVATA, Grev.-Cl.Nav.p.34: (Nav.i.)-
- KUTZINGII, Grun.-Cl.Nav.p.90: (Navicula)
- " v. billata, Cl.Nav.p.90:
- LINEATA, Donk.-Cl.Nav.p.35: (Nav. l. & Adriatica.)
- " forma pusilla, Cl.Nav.p.35:
- LACINIOSA, A.S.-Cl.Nav.p.32: (Nav. l.)
- LESIENSIS, Grun.-Cl.Nav.p.104-2f17, 13;
- LETOURNIEI, Cl.Nav.p.37-1f18
- LITTORALIS, Donk.-Cl.Nav.p.94: -(N. ovulum; -N. litt. & v. subtilis.)--
- " v. hospes, A.S.-Cl.Nav.p.94: (Nav. h.)---
- MESOLEIA, E.-Abh. Ber. I372p.293; Nord.p.22-2f1;
- MEDITERRANEA, Grun.-Cl.Nav.p.32: (Nav. gemmata, v. M.)--
- MUNDA, Jan.-Cl.Nav.p.32: (Nav. m.)
- MAULERI, Brin.-Cl.Nav.p.93: Navicula.)
- " v. borussica, Cl.Nav.p.93: -(Nav. M. v. bor.)---
- MAJOR, Cl.Nav.p.96: (N. Smithii, A.S.)
- " v. permagna, Pant.-Cl.Nav.p.97: {N. p. Ernstia (N. fusca, v. p. 11.)
- MICROLAIOS, Castr.-Cl.Nav.p.95: -C. Lubigeri v. (Navic.)
- " v. Christiani, T.C.-Cl.Nav.p.96: -(Raphidodiscus, species Jones.)
- MIRABILIS, Castr.-Cl.Nav.p.97: (Nav. m.)
- MUSCAEFORMIS, Grun.-Cl.Nav.p.33: (Navic.)
- " v. constricta, Grun.-Cl.Nav.p.33: (Nav. c.)
- " v. genuina, Cl.Nav.p.33:
- " v. placida, A.S.-Cl.Nav.p.33: (Nav. l.)
- " v. pusilla, Cl.Nav.p.33:
- " v. maxima Cl. ?
- NITESCENS, Grev.-Cl.Nav.p.97:  
(N. nit., Adriatica & Smithii, v. nit.)---N. & Pinn. Afrariensis.)
- " v. fossilis, Pant.-Cl.Nav.p.97: (Nav. nit. var. f.)
- " v. fuegiana, Petit.-Cl.Nav.p.97: -(N. nit. var. f.)--
- " v. serratala, Cl.Nav.p.97: -(Nav. s.)
- NOTABILIS, Grev.-Cl.Nav.p.93: (Nav. n.)
- " v. expleta, A.S.-Cl.Nav.p.93: (Nav. n., var. ex.)
- OBLONGELLA, Naeg.-Cl.I39Ip.44: (Navic.)
- OCELLATA, Cl.- (N. vagantula.)-----
- OCULATA, Breb.-Desmat. 2, No. 110: Cl.Nav.p.92: -(Nav. o.)--
- O'NEARII, Grun.-
- " v. pusilla, Cl.-Atlas I74f12:

> splendida, Gg. - Ost. Mar. D. 5f64:1897p.312:

> subcineta, A.S. - Ost. Mar. 1897p.312:

Disconia

N.Y. of Clav. Nov. 2 (1895) p.180:

- OVALIS, Hilse.-Cl. 1391p.44-2f13; Nav.p.92: / 1897 : *Cestrum* 1897p  
 (Nav. x Pim. O., p.p. : -N. elliptica, p.p.) -  
 " var., A.S.-Atlas 192f26:  
 " v. oblongella, Naeg.-Cl. Nav. p.93: -(Nav. obl. x ov., var. foss.)  
 " v. pumila, Grun.-Cl. Nav. p.92: (N. ov., var. p.) -  
 PANDURA, Cl. - ? (N. navigans.)  
 PAPULA, A.S.-Cl. Nav. p.35: -(Nav. p.) -  
 PRAESTES, A.S.-Cl. Nav. p.37: (Nav. p. x Guinardiana.) ---  
 PARMA, Cl. 1391p.42-2f10: Nav. p.95:  
 PLEATISSA, Grun. x Cl. -Cl. Nav. p.97-2f3:  
 PRISCA, A.S.-Cl. Nav. p.103: (Navic.)  
 PROSERPINAL, E.-Abh. Ber. 1353p.13; 1372p.1.2f27: (Navic.)  
 PUELLA, Schum.-Cl. Nav. p.92: *Cestrum* 1897p.313:  
 (Nav. elliptica v. minutissima x p.)  
 PULLUS, E.-Abh. Ber. 1372p.131:  
 RHOMBUS, E.-Abh. Ber. 1353p.423: (D. bombis.)  
 SMITHII, Brep.-Cl. 1391p.42: *Cestrum* 1897p.313: (Nav. S.)  
 SUBNUDA, A.S.-Cl. Nav. p.31: (Nav. S.)  
 " v. densestriata, A.S.-Cl. Nav. p.32: -(Nav. S. var. u. n.)  
 SUBOTRICULARIS, Grun.-Cl. Nav. p.31: *Cestrum* 1897p.313:  
 (Nav. S., x Smithii, v. sub.)  
 SZONTAGHII, Pant.-Cl. Nav. p.99-2f7: (Nav. S.)  
 SUBCINCTA, A.S.-Cl. Nav. p.33: (N. diadema, p.p., x S.)  
 SPLENDIDA, Grun.-Cl. Nav. p.37: (N. margaritifera: -  
 (Nav. entomon, p.p., x S.: -N. diadema, var. N. gemmatila x Taschenbergii.)  
 " v. diplosticta, A.S.-Cl. Nav. p.33: (Nav. u.)  
 " v. elediana, Pant.-Cl. Nav. p.33: - (Nav. e.)  
 " v. Haynaldii, Pant.-Cl. Nav. p.33: (Nav. H.)  
 " v. margarita, A.S.-Cl. Nav. p.33: (Nav. m.)  
 " v. prominula, A.S.-Cl. Nav. p.33: (Nav. l.)  
 " v. Piella, A.S.-Cl. Nav. p.33: (Nav. exempta x p.) ---  
 VAGABUNDA, Grun.-Cl. Nav. p.103-2f13, 15;  
 VESPA, Cl. Nav. p.97-2f5; N  
 VACILLANS, A.S.-Cl. Nav. p.95: (Nav. v.)  
 " forma "b", Cl. Nav. p.95: -(Nav. v., p.p., x parca var. producta.)  
 " v. Corsicana, Grun.-Cl. Nav. p.95;  
 " v. delicatula, Cl. Nav. p.95:  
 " v. minita, Grun.-Cl. Nav. p.95: -(Nav. v. for. minita x N. Pfitzeriana.)  
 " v. renitens, A.S.-Cl. Nav. p.95: -(Nav. vac., var. r.)  
 WEISSFLOGII, A.S.-Cl. Nav. p.97: (Nav. diversa x w.) --

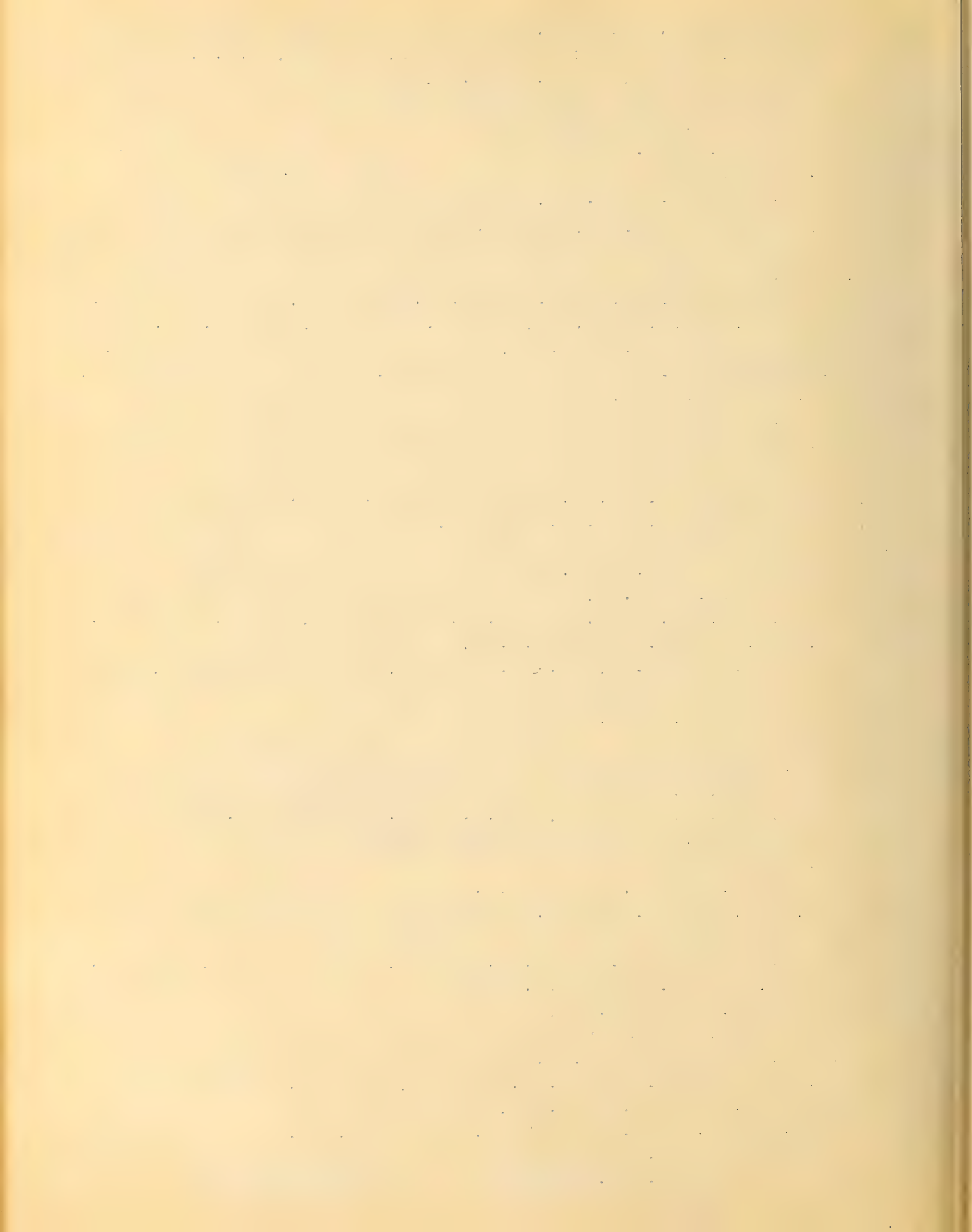
## DISCOPLA.----- (Ehm., 1840.) -

- ACTINOCYCLUS, E.-Abh. Ber. 1344p.267: (Cyclotella.) --  
 AMERICANA, E.-Abh. Ber. 1344p.31: "  
 ANNULATA, Schum. 1367p.60-3f62:  
 ASTRAEA, E. M. p.32: (Stephanodisc. Aegyptiacus x a.: -Cyclot. rotula x a.;  
 ATLANTICA, E.-Mik. pl. 39-3f29: Schum. 1367p.60-3f63: -(Melosira; -Cyclot.)

moniliformis E. - <sup>41</sup> Inq. pl. 38-22<sup>1</sup>/<sub>2</sub>-3:



- ATMOSPHERICA, E.-Abh.Ber.1847p.434; 1872pls.1b, f14; 1d, f9, 10; 1e, f1;  
Mg.pls.34-7f2, 3: 33A-12f1-3: 39-2f2a, 3a, 4a: 39-3f23: A.J.S.1351, f  
2, 9; Prit.1352pl.24f1, 2: Schum.1867p.60: 39-1f17,  
(Cyclot.rotula; -Melosira; -S'discus. Aegyptiacus.) -  
" v.ocellata, Schum.1867p.61-3f64;  
BIPUNCTATA, Schum.1867p.61-3f69;  
CINCTA, E.-Mik.p.227:  
CINGULATA, E.-Abh.Ber.1842p.265:  
COMPTA, E.-Abh.Ber.1844p.267: Mg.pls.7-3a, f2a, b; 33-1f3; 33-1f4; 33A,  
f5: 33A-1f3; 33A-1a, f3; 33A-3a, f4; 33A-2f1; 33A-7f3; 33A-12f1-3: 1847p.60-70  
Schum.1867p.61-3f70: (Cyclotella.) ---  
COSCINODISCUS, E.-Abh.Ber.1845p.76; Mg.pl.33-10f1<sup>+</sup>, 2: (Cyclot.) -  
DENDROCHAERA, E.-Abh.B.1843p.219: 1871pl.2a, f10, 11: Deny, D.Ter.: (Cyc-  
DENTICULATA, E.-Abh.Ber.1844p.267: (Cyclot.)  
DIVES, E.-Abh.B.1844p.202; (Actinopt.: -Cyclot.: -Stictodiscus.)  
GALLICA, E.-Abh.Ber.1844p.271:  
GANGETICA, E.-Mik.p.123:  
GRACCA, E.-Abh.B.1840p.204; Mg.pl.6-2f1a-c, 4; Schum.1867p.61-3f67;  
(Coscinodiscus; -Cyclotella.) --  
" var."b"holosticha, E.-Mg.pl.6-2f2a, b; Schum.1867p.61-3f67b:  
" var."g"stelligera, E.-Mik.pl.6-1f3a-e:  
" v.bacillifera, Schum.1867p.61-3f67d:  
" v.semiozellata, Schum.1867p.61-3f67e;  
GRACILIS, E.-Abh.B.1840p.14: (Coscinodiscus.) ---  
KUTZINGII, E.-Abh.Ber.1840p.144; Mg.pl.35A-13a, f14: -(Cycl.operculat.)  
LAEVIS, E.-Abh.B.1869p.262; Nord.p.22:  
MAMILLA, E.-Abh.B.1845p.76; Mg.pls.33B-22f1: 33A, f14 cum icones:  
(Cyclot.)  
MARGARITIFERA, Schum.1867p.61-3f63;  
OPERCULATA, ?-(Cyclotella.) --  
OPULENTA, E.-Abh.Ber.1845p.359: (Cyclot.)  
OLIGACTIS, E.-Mik.pl.35A-9f1: (Actinocyclus.)  
ORLONICA, E.-Mik.pl.37-2f3, 3x: Abh.B.1870p.33; Abh.B.11.1111;  
(Cyclot.; -S'discus. astraea, var. Discosphaera)  
ORNATA, E.-Mik.p.331:  
PARADOXA, E.-Abh.B.1869p.262; Nord.p.22:  
PERUANA, E.-Abh.B.1844p.342; Mg.pls.33A-13f1; 33A-14f3: -(Cyclot.)  
PHYRGIA, E.-Mik.p.35:  
PMYSOPLA, E.-Abh.B.1845p.76; Mg.pl.33-1f13: Atlantic City: -(Cyclot.)  
PICTA, E.-Abh.B.1845p.363; Mik.p.123: (Cyclot.) -  
PUNCTATA, E.-Abh.Ber.1869p.262:  
RADIATA, E.-Abh.B.1842p.265:  
ROTA, E.-Abh.B.1844p.202; Mg.pl.35A-22f3: -(Cyclot.: -Stictodiscus.)  
ROTULA, E.-Abh.B.1844p.202; Mg.pl.35A-22f7: -(Cyclot.: -Stictodiscus.) --  
SIMBIRSKIANA, E.-Abh.Ber.1845p.302:  
SINENSIS, E.-Abh.B.1847p.434; 1872pl.1b, 113; Mg.pl.39-1f16; 39-1f17;  
Schum.1867p.60; M.T.P.4-5-14; (Cyclot.)  
" vars."a" & "b", E.-Mik.pl. 34-7f2, 3;  
Schum.1867p.60-3f 36;



SOL, E.-Mik.p.I23:

SORRENTINA, E.-Mittelmeeres I373pl.4fI9-23:

UMBILICATA, E.-Abh.Ber.I354p.239: Mg.pl.353-4b,f9;

Schum.I367p.60-3f6I,6Ia;

(Cyclotella.)

UMBONATA, E.-Mik.p.I23:

UNDATA, E.-Abh.B.I344p.267:

(Cycl.)--

UNDULATA, E.-Mik.pl.33-I3f3; Schum.I367p.6I:

(Triceratium crinale & Ehrhardii.)--

VENUSTA, E.-Abh.B.I352p.534; I370pl.2-2fI5; I37Ipl.Ib,fI5,I5:-(Cycl.)

DISCOSIRA.----- (Rabenh., 1855)

SULCATA, Rabh.S.D.p.I2,II.3; Prit.p.322-5f53; R.E.D.p.36f7; Italy:

Det.Syll.p.I369:

(Melosira; -Paralia; -Orthosira.)

DISCUS.----- (Littor., 187)

PORCELAINOUS, Stouder.-A.J.M.I379p.I4; Wille pl.74fI7; J.R.M.S.

I379p.337; Det.Syll.p.I426;

DISIPHONIA.----- (Ehr., 1853.)

AUSTRALIS, E.-Mik.pl.35A-2f7; Prit.p.3I0-4f55; M.D.pl.42f23;

(Diatomella & Grammatophora Balfouriana.)---

v. Seelandica, E.-Abh.Ber.I369pl.2-2fI3;

DITYLUM.----- (Bailey, 1861.)

BRIGHTWELLII, West.-V.4.S.p.I95: Det.Syll.p.I0I7:

(Triceratium.)-

v. inaequalis, Grun.-V.4.S.p.I95-II4f3,5-7:

(Tric.; -Dit.i.)--

v. tetragona, V.4.S.pl.II4f4,3: Cl.1897p.23

v. trigona, V.H.S.pl.II4f9; Cl.1897p.23

(Tricerat.)-

EHRENBERGII, Grun.-V.4.S.pl.II5f7,8; W.&C.2f.5-4fI2;

(Tric.: -Discoidea undulata.)-

GROVEI, Brun.-L.D.No.I24.I75-24f9:

(Trinacria Muelleri.)

INAEQUALE, L.W.S.-3.3.2.I.I357f.301,fI2-I4:

(D. inaequale, v.)

INTRICATUM, West.-V.4.S.p.I95-II4f2; Villef.p.70; Det.S.p.I0I3: (Tric.)

SEGMENTALE, Brun.I39Ip.25-I4f2a.b:

(Lithodesmium.)

SOL, H.V.H.S.pl.II5fI,2: Melaisie; Det.S.p.I0I3:

(Tric.s.)

TRICONUM, Bailey.-B.J.M.I.I367p.332,f6,I0,II: Sm.S.I.I42:

(D. Brightwelli, var.)--

UNDULATUM, E.-V.4.S.pl.II6f7:

DONKINIA.----- (Donk., 1861.)

-, O'M., M.J.I377p.I95: Q.J.M.S.1867p.10:

ANGUSTA, Breb.-Ralfs,Prit.p.92I; Carr.p.II3; R.E.D.p.242 cum icone;

Per.Plum.p.50-9f5; Det.Syll.p.275: (Synonyma.)

(Pleu.I35I, f.1.)-

ANTIDIA, Grö.&St.-J.D.C.I334p.I33; Pl.Plum.p.29: Det.S.p.275: (Synonyma.)

CARINATA, Donk.-Ralfs,Prit.p.92I-3f49; R.E.D.p.242 cum icone; Carr.

p.II3; Det.S.I.33; Sm.S.I.I42; Cl.Vand.p.477,499; Pl.Plum.p.29-

9f6; Det.S.p.275:

(Pleu.);;

Sp. glaucosa Guss. Musc.: Cat. Mus., p. 119: [Synonymized?]



- COMPACTA, Grev.-Ralfs, Prit.p.92f; Breb.D.C.: Carr.p.113; R.E.D.p.24, cum icon; Lapp.I373p.50;  
 (Amphipora Ralfsii; -D. recta; -Pleurosigma c. & recta;)  
 CRISTATA, E.-Prit.p.92f; Del.Syll.p.274; (Navicula)  
 CIOYMA, Carruthers p.113; (Amphipora, W.S.)  
 DIVERSA, Ralfs, Prit.p.92f;  
 DUPLEX, Carr.p.113; (Amphipora, Donkir.)  
 INVERSA, Ralfs, Prit.p.92f; Del.S.p.274; (Navicula.)--  
 MINUTA, Donk.-Breb.D.C.: Prit.p.92f; R.E.D.p.242; Cl.Veg.p.473; Per.  
 Pleur.p.30-9f9; Malaisia; Del.S.p.274; (Pleurosigma)  
 RECTA, Donk.-Carr.p.113; H.T.p.3-5-14; V.I.S.p.119-179; V.N.p.11;  
 Cl.Veg.p.497; Villot.p.54; Malaisia; Per.Pleur.p.30-9f4; Del.S.p.  
 274; (Gymnosigma: D. compacta; -Pleurosigma)  
 " var. " minima, Donk.-Carr.p.113; (Gymnosigma, var. minima; (Pleurosigma)  
 " v. intermedia, Per.Pleur.pl.9f7, 8; Del.S.p.274;  
 RETICULATA, Nornal-Grev., Trans. Bot. Soc. Edinburgh Vol. 3, 1867, 257-3110, 11;  
 Prit.p.92f; R.E.D.p.243; Per.Pleur.p.29-9f2; Del.Syll.p.274;  
 THUMII, Cl.-Per.Pleur.p.30-7f23; 9f10; Del.Syll.p.274;  
 (D. recta, Ralfs: Gymnosigma)

## DORIPORA.----- (Kz, 1844

- AMPHICEROS, W.S.A.p.74-5110; 21(2)f1; W.S.A.p.50; Prit.I372p.1.171f1;  
 S.B.D.II.77-24f224; Grin.I362p.334; M. & R.S.p.7f; Ill; R.E.D.p.123;  
 Roper, Thores; Cl.I373p.11; H.T.p.4-1-24; Del.Syll.p.15;  
 (Cocconeis; -Thalassia a., fasciata, p.111f1, 136103, 110011.)  
 BOECKII, S.B.D.II.77-24f227; Schn.I357p.54; M. & R.S.p.7f; Ill;  
 (Boschma; -Cocconeis a. & fasciata; -Navicula.)--  
 ELEGANS, Roper.-M.J.I354p.234, f3;  
 (Euphyllidium spatulatum: -Podocystis Americana.)

## DORIDGEE;-- (Don Kirk, 1864)---

- COMPRESSA, Donk.-Sm.Sp.1.No.651; (D. geminata; -Podocystis.)  
 GEMINATA, Donk.-M.J.I361p.13-1f15; Carr.p.9f; V.I.S.pl.9f125, 23;  
 1.No.472; Del.S.p.1365; (Podocystis compressa.)

## ECHINARIA.----- (Kz, 1844)---

A subspecies of Syndura.--

Vide K.B.p.64; K.S.A.p.4f; Meneg.A.N.D.p.400; -

## ECHINELLA.----- (Lachmann, 1863)---

- , Bailey, A.J.S.I342p.6-3f9;  
 ABBREVIATA, E.-Inf.p.222-19f4;  
 (Gomphonema a. & brevipes; -Gomphonema parvula.)--  
 ACUTA, Lyneborg.Tent.p.20, pl.39; -(Cymbella: -Syndura fasciculata.)  
 ANNULATA, (Achnanthes unipunctata.)--  
 CAPITATA, E.-Ach. p.1350, 1351; Inf.p.221-19f5; -(Syndura unipunctata, 11.)  
 CHAUVINI, Drey Bot. Gallie. 1864; (Syndura unipunctata, 11.)  
 CIRCULARIS, Grev.-Ann. Weimar. Soc. Vol. 4, 213-312; 1867, 1868, 1869, 1870, 1871, 1872, 1873, 1874, 1875, 1876, 1877, 1878, 1879, 1880, 1881, 1882, 1883, 1884, 1885, 1886, 1887, 1888, 1889, 1890, 1891, 1892, 1893, 1894, 1895, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904, 1905, 1906, 1907, 1908, 1909, 1910, 1911, 1912, 1913, 1914, 1915, 1916, 1917, 1918, 1919, 1920, 1921, 1922, 1923, 1924, 1925, 1926, 1927, 1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, 1936, 1937, 1938, 1939, 1940, 1941, 1942, 1943, 1944, 1945, 1946, 1947, 1948, 1949, 1950, 1951, 1952, 1953, 1954, 1955, 1956, 1957, 1958, 1959, 1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 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- CILIOLATA, Corda, Almarach Carlbad: (Gomphonema abbreviatum.)  
 CUNEATA, Lyngb. Hydr. Tent. p. 210, pl. 70f "D": (Gomphonema.)  
 (Podosphaeria C. & communis: Frust. 06. 1 Aug.)  
 FASCICULATA, Lyngb. Hydr. Tent. p. 210, pl. 70f "E": (Gomphonema.)  
 (Diatoma; -Diat. & Syneura crystallina; -Syn. Carillon.)  
 " v. truncata, Grev.-Scott. Flora (Syneura line.)  
 LABELLATA, -Carmichael Mss.: E. Inf. p. 220-19f I; A.S.S. 1342p.  
 3-3f3; (Meridion radians; -  
 Liemophora (Gomphonema) f., argentescens & radians.) ---  
 FULGENS, (Diatoma variegatum.)  
 GEMINATA, Lyngb. Hydr. Tent. p. 210, pl. 70f "D": (Gomphonema.) --  
 OBTUSA, Lyngb. Hydr. Tent. p. 203, pl. 69; Jarg. Alg. Exs. Dec. No. XVII B:  
 (Denticula; -Diatoma o. & vulg.; -Epithemia targia; -Syneura: Frust. 06. 1 Aug.)  
 OLIVACEA, Lyngb. Hydr. Tent. p. 209-70f 100 (I-3); Jargens Algae exsicc.  
 No. 139: - (Meridion vernalis: - (Gomphonema; -Gomphonella.) ----  
 PARADOXA, Lyngb. Hydr. Tent. p. 211-70f "E": Scott. Flora pl. 25; E. Inf. p. 221:  
 (Gomphonema; -Liemophora; -Podosp. communis & p.; -Rhipidophora.) --  
 RADIOSA, Acharius in Beitrag zur Naturk. p. 340:  
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 STRICTA, Bory Dict.:  
 VENTILABRUM, Carmichael; -T.M.S. 1332p. 55: - (Liemophora splendida.) -  
 VENTILATORIA, Desmaz. - Meridion circul.: -Podosphaeria gracilis.) ----  
 VITREA, Bory Dict.: (Syneura.) --

EMERSONIA. --- (Bailey, 1843) -

- ANTIQUA, Bailey. 1. 2113: A.S. 1342p. 137 (Zygoc. Emersoni.) --  
 ELEGANS, Bailey. 1. 2113: A.S. 1342p. 139 (Zygoc. Emersoni.) --

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- , Meneg. A.N.D. p. 411: -, Tanaruk 1379p. 43;  
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 " vars., A.S., Atlas 7f II, 12:  
 " v. Auerswaldii, Rabh. V.H.S. p. 33-3f 14; Del. S. p. 372:

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" v. decorata, B&Pon.-L&D.No.10p.I31-19f11,12; Cat.Syll.973:  
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" v. trigemmis, Brin, 1391p.25-11f6; (E.Davyana, var. tri.)

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+ f... 203<sup>f</sup> 2, 4.

f... 100

" 100 100, 100. - 203<sup>f</sup> 13:



- DAVYANA, Grev.-M.J. 1363p.236; Atlas 33f1-3; 152f17; J.O.C. 13371.3; Witt 1333p.16-4f1-3,5,6; LeD.Vol.21.36-16f9; No.101.136-19f9; 20f12; Del.Syll.p.973: *f.2.c.1886p.209-24f61-* (Tricetatum.)
- v. *distans*, Bergon.-LeD.No.101.137-20f3; Del.S.p.973: *Atlas 203f5*;
- v. *intermedia*, Cl.-LeD.Vol.21.36-16f3,4; No.101.138-20f9; 18f3,4; Del.Syll.p.979: (Var. *linearis*, *linearis*.)----
- Atlas 203f7,11*;
- v. *conspicua*, Bergon.-LeD.No.101.139-20f3; Del.S.p.979;
- v. *distans*, *forma marginata*, Bergon.-LeD.No.101.137-20f3,4; (Heibergia *Barbadensis*.)----
- v. *propinqua*, Del.Syll.p.973; LeD.No.101.133-20f6; (Bergon).--
- v. " *forma biangulata*, Del.Syll.p.973; LeD.No.101.133-20f7,8; (Bergon).--
- v. *trigemma*, Bergon.-LeD.No.101.139-20f10-12; Del.S.p.973: *Atlas 203f11*;
- v. *linearis*, (LeD.No.101.133-20f6, v. *linearis*.)
- v. *quadrata*, Witt 1333p.16-4f7; (E. *berberidis*.)
- var., J.O.C. 1337p.3; Del.Syll.p.933: (T. *Morlandii*, v.)----
- DIVERGENS, Bergon.-LeD.Vol.1p.3-1f6; 2p. -16f3; No.101.143-21f14; Del.S.p.932: *Atlas 203f8*;
- ELEGANS, Grev.-M.J. 1365p.33-4f19; LeD.No.101.145-21f12; Del.S.p.932;
- + FORMOSA, Bergon.-LeD.No.101.146-21f13; Del.S.p.932: -(E. *punctulata*, f.1.)
- FURCATA, Brun, 1891p.26-11f7: (E. *variegata*, var., & *gratiosa*.)
- GRATIOSA, Grev.-M.J. 1365p.235; LeD.No.101.132-19f6,7; (E. *furcata*; -Tric.)- Del.Syll.p.973: *Atlas 203f14-20f11*;
- var., A.S., Atlas 33f3: (E. *Temperlei*, v.)
- INOPINATA, Grev.-M.J. 1363p.235; V.A.S. 11.112f4; LeD.No.101.134-19f13; Del.Syll.p.977: (Tric.)-
- *forma linearis*, Bergon.-LeD.No.101.135-19f14; Del.S.p.977: *Atlas 203f12*;
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- v. westermanni, Grun. 1362p. 325-3f3; V. A. S. p. 133; (E. & Cystop. turgida)
- v. zebrina, Rabh. E.D. p. 63: (Ep. zebrina.) -

VENTRICOSA, K.B. p. 35-30f9a, b; K.S.A. p. 4; R.S.D. p. 17-1f22; S.B.D. 1p. 15-1f14; Prit. p. 759; Grun. 1362p. 327; Weiss 1364p. 107-1f1; Mull. R. E.D. p. 64; Weiss 1364p. 107-1f1; Weiss 1364p. 107; Grun. p. 75; V. A. S. p. 133: II32; Hull: Italy: Eiben, 1371; M.T.P. I-I-II: B.S.B. Vol. 4p. 7-1f5, 4; Sm. Sp. 1. 156; M.M.J. 1373p. 33; Kinnora; Lake Michigan; Hoffmann, Marb.: Spamer, Duren; Ebert, Cassel; Delogne; Perag. p. 57; Wille 1. 1f7, 3: (Ep. & Navicula gibba, v.) ----

• v. hungarica, Part. 3p. 7f114;

VERTICUS, K.B. p. 36-30f2; K.S.A. p. 4; Prit. p. 761; Grun. 1362p. 326; Carr. p. 76; R.E.D. p. 63; Dannf. p. 17:

(E. adnata & granulata; - E. & Cystop. turgida, v.) ----

VITTATA, Part. 2p. 31-3f114: (Ep. 13110) -

WESTERMANNI, K.B. p. 33-5f12(I-4): 30f4; K.S.A. p. 2: R.S.D. p. 13-1f19; S. B. D. 1p. 14-1f11; Marissal; Grun. 1362p. 325-3f1; Weiss 1364p. 107-1f1; 1364p. 107-4f7; Prit. p. 760-4f2; 9f157; Italy: Schum. 1364p. 13; New Zealand; R.E. D. p. 63; Hull; M.T.P. I-I-5; Petit, Nimrou; Ebert, Cassel; Sm. Sp. 1. 157; V. A. S. p. 133f3; Hoffmann, Marburg; Perag. p. 53; Malaisia; Herib. p. 125: (E. & Cystop. turgida, var.; - E. rupestris; - Eunotia; - Navicula.) -

ZEBRA, E.-K.B. p. 34-5f12(3a-c); K.S.A. p. 2: R.S.D. p. 13-1f3; S.B.D. 1p. 12-1f4; Marissal; Mull; R. Alg. E. No. 1006; Prit. p. 761; Grun. 1362p. 323; 1373p. 7; 1364p. 43-2f2; R. Alg. E. No. 1006: V. A. S. p. 133-31f1, 2; Weiss 1364p. 107-1f1; 1364p. 107-4f3; Weiss 1364p. 107; New Zealand; Hoffmann, Marb.: Hull: Eiben, 1371; Italy: Carr. p. 17; Kinnora; Sm. Sp. 1. 156; Gallia, Papan; M.T.P. I-I-7, 3; Bell. Lichon; Cl. & M. 44; Brun Alp. p. 43-2f16; 9f22; Mobile; Pet. liste p. 17; P. & Lend.; Pet. Nimrou; Tanaka 1379, p. 45, f4, 24; Cl. 1331p. 10; 1391p. 55: Vega p. 491; Hoffmann, Marburg; V. A. S. p. 140-31f9, II-14; 1. 253; Spamer, Duren; Perag. p. 57; Wille 1. 1. 33f 31, 32; 35f29-33; Stross, Kleiken; Herib. p. 127: Q. Cl. 1395p. 2

(Cymella; - Cymella, E., & Arist. Jurgensii; - Eunotia; - Cystop. l.: - Navicula.) -

• forma curta, H. & Per. - Herib. p. 129;

• v. intermedia, wagn. - R. Alg. E. 1039 sub; R.E.D. p. 65: - (E. nitens.)

groenlandica, Cl. R. S. A. R. p. 1896 (3). K. 4 p. 10-2 f 10: Cl. 1897 p. 23:

Sm. Sp. T. # 653: Det. S. p. 983: Cl. 1897 p. 23:

K. S. A. p. 191: S. B. D. 2 p. 25 pls. 35, 60 f 299: Pr. 4. p. 937-2 f 43:

E. K. v. p. 71-4 f 8: K. B. p. 143-21 f 21:

Zodiaceus, } E

G. 1864 p. 355: m. S. p. 415 10: R. E. S. p. 324, f 93: V. H. S. p. 203-95 (2) f 1, 2, 17, 18

|| var. cornigera, G. - V. H. S. pl. 95 (2) f 3, 4: -

- v. longicornis, H. & Per. - Herib. p. 123-3f14; *a. cl. 1895 p. 27*;  
 v. longissima, H. & Per. - Herib. p. 123-3f13; *a. cl. 1895 p. 27*;  
 v. minor, H. & Per. - Herib. p. 129;  
 v. porcellus, Grun. 1362p. 323-3f3, 4; (Ep. porc.)  
 v. proboscidea, Grun. 1362p. 329-3f5; V.H.S. p. 139-3f10; T. No. 254;  
 Herib. p. 123; (Ep. probosc.)  
 v. Saxonica, Grun. 1362p. 323-3f6; Rabh. Alg. Eur. No. 422;  
 R.E.D. p. 65; (Ep. Sax.) -  
 v. undulata, H. & Per. - Herib. p. 129-3f15;  
 ZEBRINA, <sup>W.B.</sup> p. 34; K.S.A. p. 2; R.S.D. p. 16; Prit. p. 761; Schum. H. 1. p.  
 51; 1362p. 133-1f2; Ebert, Cassel; Hoffmann, Marburg; Pant. 3p. -26f  
 385; (Cystopleura & Ep. turgida, v.: - Eunotia.) -

ETHMODISCUS. --- (*Castr., 1887*)

- ; Castr. 1337p. 170-14f4a-c; Atlantic City: - (Coscinoideus Gazellae.) --  
 CARINATUS, Pant. 3p. -29f430; Det. Syll. p. 1310;  
 CONVEXUS, Castr. 1337p. 163-3f9; (Coscino. profundus.)  
 CORONATUS, Castr. 1337p. 163-22f7; Notar. 1339p. 755; Det. Syll. p. 1309;  
 var., Castr. 1337p. 163-12f7, 13;  
 DIADEMA, Castr. 1337p. 169-13f1; Notar. 1339p. 755; Det. S. p. 1310;  
 GIGAS, Castr. 1337p. 169-14f5; (Antellminellia; - Coscin. Gazellae.) -  
 HUMILIS, Castr. 1337p. 163-17f4; Notar. 1339p. 756; Det. S. p. 1310;  
 JAPONICUS, Castr. 1337p. 163-22f2; Notar. 1339p. 756; Det. S. p. 1310;  
 var., Castr. 1337p. 163-13f1;  
 OBOVATUS, Castr. 1337p. 169-17f5; Notar. 1339p. 756; Det. S. p. 1310;  
 PERICHANTINUS, Castr. 1337p. 169-22f3; Notar. 1339p. 756; Det. S. p. 1309;  
 PUNCTIGER, Castr. 1337p. 167-3f1; Notar. 1339p. 756; Det. S. p. 1309;  
 RADIATUS, Castr. 1337p. 167-12f9; Notar. 1339p. 756; Det. S. p. 1309;  
 RUSSICUS, Pant. 2p. 31; 3p. -34f434, 433; Det. Syll. p. 1310;  
 STELLIFER, Pant. 3p. -27f397; Det. S. p. 1310;  
 SPHAEROIDALIS, Castr. 1337p. 170-22f10; (Cosc. Gazellae.) ----  
 TYMPANUM, Castr. 1337p. 170-14f3; (Cosc. Gazellae.) ----  
 VITRIFICIES, Brun & Temp. p. 37-3f11; (Pantocsekia clivosa.) ----  
 WYVILLEANUS, Castr. 1337p. 170-14f6; (Cosc. Gazellae.) ----

EUCAMPIA. ----- (*Ehrh., 1839*) -

- BALAUSTIUM, Castr. 1337p. 97-13f15; Notar. 1339p. 757; Det. Syll. p. 934;  
 v. minor, Castr. 1337p. 93-13f6; Det. S. p. 934;  
 BRITTANICA, S.B.D. 2p. 25-3f373; Prit. p. 937; Grun. 1362p. 355; Carr. p.  
 116; R.E.D. p. 324; Det. S. p. 934;  
 CORNUTA, V.H.S. pl. 95(2)f5; *Cl. 1897 p. 23*; (Mallena.) -  
 NODOSA, Palmer. - J.R.M.S. 1330p. 335; Atlas 141f23; (E. zodiacus.) ----  
 PAYERI, Grun. 1364p. 55-2f17a-c; Cl. Vega p. 436; Det. S. p. 934;  
 STRIATA, Stollertfoth. - J.R.M.S. 1330p. 335 cum icone; Det. Syll. p. 934;  
 (Rhizosolenia.) ----  
 v. maxima, Stolt. - J.R.M.S. 1330p. 335 cum icone;  
 VIRGINICA, V.H.S. pl. 95(2)f6; Atlantic City; Wille pl. 63f32;  
 Det. Syll. p. 934;

Eurostoconis.

A. G. - Clav. Nov. 2 (1893) p. 173: -

Arcus. Oestrup 1897 p. 336. 1



A Species of Ceratoneis: -- Vireo Grunow, 1865, p. 7.

EUMERIDION. ---- (Kütz., 1844)

CONSTRICTION, K.B.p. 42-29f8I; Menz. g.A.N.D.p. 373; K.S.A.p. II: -- (Meridion)

EUNOTIA. ----- (Ehr., 1837) ~

O.J.M. 5/18556

-, A.J.S. Vol. 35, pl. 2f9: -- (E. ~~bidens~~.)

Menz. g.A.N.D.p. 375:

-, A.J.S. Vol. 4I, 1342p. 100-2f27: -- (E. gibba.) Tanarek 1379p. 46:

-, Heaw. Vol. 2p. 43-7f16, 17: --, Dippel 1370p. 10-1f12:

-, E., Mik. pls. 8-3f15: -- (Amphora): --, 13-2f21a, b: -- (E. pectinalis.) --

-, 16-3f10: -- (E. pectinalis.) 38A-15f4: -- (E. argus, var. ?)

ALPINA, K.B.p. 36-3f10; K.S.A.p. 5; R.S.D.p. 15-1f2; Prit. p. 753: Schum.

H.T.p. 5I; -- (Himantidium Halcyonellae: ) (Grunow, 1865, p. 69)

ALPINA, Grun. 1362p. 332: Cl. & M. No. 159; Italy: Del. S. p. 797: -- (E. monod., v.

AMERICANA, K. & S. - T.B.C. Vol. 13p. 209-93f1; Woll. 73f12: Del. S. p. 793:

AMPHIDICRANON, E. - Abh. Ber. 1345p. 77: Mg. pl. 33-12f14; K.S.A.p. 5; Prit.

p. 764; Del. Syll. p. 304;

AMPHILEPTA, E. - Abh. Ber. 1345p. 363; Mg. pl. 34-3f4; K.S.A.p. 5:

R.S.D.p. 13:

(Nitzschia.) ----

AMPHIOXYS, E. - Amer. p. 125, pls. I-1f23; I-3f6; 2-3f14; 3-4f9; 4-

5f7; Mg. pls. 2-3f2I; 3-3f10; 5-1f9a; 14f35p; 15A, f39; 34-1a, f1; 34-2f

3; 34-1b, f4; 34-3a, f1; 34-3b, f2; 34-3f5; 34-11c, f1; 35A-1a, f1; 35B-

1a, f1; 35B-2a, f1; 33A-7f11; 33A-7f13; 33A-1a, f2, 3; 33A-17f12; 33A-1a, f2

5b; 33A-15f3; 33A-2f6, 7; 39-1f29, 30; 39-2f2b, 9a, 3b, 10b, 13a, 14a; 39-

3f3I-33; Nord. p. -2f9; Abh. Ber. 1369p. 1.2-1f1I; 137Ipls. 1a, f7; 16, f2I;

K.B.p. 36-29f44; 30f1; K.S.A.p. 4; Mathieu; A.J.S. 135I, f23-32; Weiss

135I, p. 273-1f3; 1360p. 353-3f3; Ga. p. 303-2f35; R.S.D.p. 15-1f1; Ebert,

Cassel; Prollius p. 57; Hoffmann, Marburg; Spamer, Duren:

(Frustulia scaphidium: -Hantzschia; -Nitzschia.) ---

var. "a" vulgaris, E., Mik. pl. 94, 12I:

var. "b" ampla, E., Mik. pl. 94, 12I:

var. "g" rostrata, E., Mik. pl. 94, 12I:

v. hybrida, E. - Mik. p. -34f4:

v. tenella, E. - Mik. p. -34f5, 6;

AMPHYRRHAMPUS, E. - Abh. B. 136I, p. 295: Del. Syll. p. 303:

ANISODON, L.W. Bailey - B.O.N.A. 1362p. 336-1f26; Del. S. p. 307:

APICULATA, E. - Prit. p. 764; Del. S. p. 307:

ARAUCANIAL, E. - Mik. p. 296: Prit. p. 761; Del. S. p. 305;

ARCUS, E., Inf. p. 13I-2f22; Mg. pls. 13-1f24, 25; 16-2f33; 17-2f24; Abh.

B. 1369p. 1.2-1f9; A.J.S. 1342p. 100-2f23; Hass. Alg. p. 413-97f5; Braemar;

Carr. p. 76; Heaw. Vol. 5p. 42-7f13, 14; Grun. 1363p. 2: Italy: R.E.D. p. 7I;

Cl. 1360p. 109; 139I, 56; Nares; Mobile; V.H.S. p. 14I-34f2; Del. Syll.

p. 790; Herib. p. 150: A. Cl. 1898, 1899. (Ceratoneis; -Cymbella; -E.

corta; -Toxosira strumilosa; -Himantidium attenuatum, Halcyonellae & c.) ---

v. attenuata, Rabh. n.D. p. 72: (Himantidium s.) ----

v. bidens, Grun., V.H.S. p. 142-34f7; Del. S. p. 79I; Herib. p. 150;

v. curta, V.H. Type No. 263:

v. Groenlandica, Cl. 133I, p. 3:

Argus, 2. f. S. 1835p. 119-259%

+ videns, Enn. pl. 2-253/6:

+ bigibba, K.

"v. pumila, Gr. - V.H.S. pl. 34 (171)

"v. Herkinciensis, Gr. - V.H.S. pl. 35 f 141 - (E. bigibba, var.?)



> Crotalaria, Bm. - Ed. 2, No. 22 p. 237-19 f. 17, 18: - (Toxarium?) -

+ Denticula, Cl. M.

" v. borealis, Q. C. 1895 p. 29-113, 141

" v. laevis, Cl. M. #28:



- CISTULA, E.-Mik. p.18.3-1f32-c; 3-2110; 10-2113c, d; 12123; Ann. 192.  
 1370p.54; Italy: Def. Syll. p.307: (Coccinella; -E. litharia.)--
- CLEVEI, Gran.-Cl. & M. No. 104; Cl. 1391.55-3f13-16; Def. S. p.797:
- COCCONEMA, E.-Mik. p.1.34-7f1; Def. S. p.307: (E. litharia.)--
- COLUMBA, E.-Mik. p.33 8: ---: Prit. p.764; Def. S. p.307:
- CORNUTA, E.-Abh. Ber. 1339p.43-2f3"4": Def. S. p.303:
- CORONA, R. S. p.1.17-1f13; Prit. p.764; Italy: Cl. 1331.333:
- R.E.D. p.70; Def. S. p.303:
- CREMULATA, Bred.- (E. tridentata?)----
- CRETAE, E.-Abh. Ber. 1344.31; Mg. pls. 22f55a, c, 53; 31-1710; Prit. p.764;  
 (Amphileura; -Coccinella.)----
- CRISTA-CALLI, Cl. 1391.57-3f12; Def. Syll. p.303:
- CROCCHILUS, E.-Abh. Ber. 1343.77; K.S.A. p.7; R.S. p.1.16; 13-184-7a,  
 f4; Prit. p.763; Cl. 1331.334; 1331.2: Def. S. p.303: (Amphileura?)--
- CURIA, Gran.-Cl. & M. No. 153: (E. tridentata?)--
- CURVA, E.-Mik. p.253; Prit. p.764;
- CURVATA, Lep. 1334p.61;
- CYGNUS, E.-Abh. B. 1345p.139; 1339pls. 1a, f2; 1d, f3; 1371p.1.1b, f23;  
 Prit. p.764; Woll. pl. 37f5; Def. S. p.303:
- DECAODON, E.-Abh. B. 1310.13; Mg. pls. 4-1f13; 5-3110; 16-3110; 17-1f13;  
 A.J.S. 1842p. 2f33; K.B. p.33-5f29; K.S.A. p.3; Prit. p.764; R.E.D. p.  
 70; Woll. pl. 36f14: (E. robusta.)---
- DECLIVIS, E., Amer. p. 125, pl. 2-1f3; K.B. p.37-29f32; K.S.A. p.7; R.S. p.1.  
 17-1f23; Prit. p.763; Gran. 1332p.333; Amazon; Woll. pl. 36f23; Def. S.  
 Syll. p.300:
- DEMERARAE, E.- Prit. p.764; Def. S. p.303:
- DEMIATA, E., Mg. p.311; Prit. p.764; R.E.D. p.71: (E. robusta?)---
- DEMILODONTA, E.-Rab. p.1.73; Sch. p.1.71.51-1f1; A.J.S. 1842p.  
 103; V. 1. S. p.1.33f14; Cl. 1331.3; 1331.55: *Rab. p.1.71*  
 (E. camelus, v.: -E. pectinatae; -Himantia. pect. & dent.)---
- DEPRESSA, E.-Abh. B. 1310.18.1-4f30; 4-1f13; Mg. pls. 13f31; 13A, 13B, 13C, 13D,  
 Abh. B. 1339pls. 1"2" f3; 2-1f3; K.B. p.37-29f39; 30f1a, b; K.S.A. p.5; R.  
 S. p.1.15-1f4; Mg. 1331.100-4f13; 1331.333-4f11; 1331.334,  
 Marburg; Woll. pl. 37f3: *Petit, Cap. H. 1331.37-1f27*  
 (E. & Himantidium pectinatae, var.)--
- DIADEMA, E., Inf. p. 193-2f27; Mg. pls. 2-3f23; 5-3f41; 13-1f33; 13-2f25;  
 16-3f17; 17-2f30; 17-1f33; 33-3f2; K.B. p.33-5f23; K.S.A. p.7; R.S. p.1.  
 p.17-1f34; Mull; S.B.D. Ip. 17-2f20; Prit. p.763; Arenig Bach: Kinnora;  
 R.E.D. p.70; M.T.P. I-2-3, 7: (E. robusta.)---
- DIANA, E., Abh. B. 1340p. 14; Mg. pls. 14f35b; 35A-2f9; K.B. p.33; K.S.A.  
 p.5; R.S. p.1.13: (Himantidium pectinatae; -Himantia.)--
- DIDYMA, Gran.-M.T.P. I-I-25; Cl. & M. 134; Sm. Sp. 1.654; Def. S. p.307:
- DIDYMA, E., Inf. p. 191-2f123; Amer. p. 1.2-1f10; Mg. pls. 2-2f31a; 1-1f11;  
 4-2f27; 5-1f3; 13A, 13B; 13B, 13C; 13-1f13; 13-2f25; 17-1f33; 17-2f27;  
 33-3f2; 39-3f37; A.J.S. 1841.100-3f39; R.S. p.1.1344.133-1f11; 1347  
 1.173-1912; K.B. p.37-3f21; K.S.A. p.5; 1331.333-1f13; K.S. p.1.  
 16-1f10; Braemar; S.B.D. Ip. 16-2f17; R. Bac. Ex. 2; Prit. p.763; Amazon;  
 Gran. 1332p.333-3f11; Sch. p.1.1.40, 51; Nylander, w.: Mobile; Woll.

+ Diadon, E. - oestrup 1897 p. 336:

" v. minor, Lun. - a. cl. 1895 p. 28:

> falciata, Greq. - T. Mis. 1854 p. 1001 - (E. falx.)

> Fallax, a. cl. 1895 p. 33 - 1 f 3

+ flexuosa, V.H.S. pl. 34 f 8, 10:

+ formica, a. cl. 1895 p. 32:

- 36f5, 3, 2I, 22; R.E.D.p. 69f13; Tenax 1379p. 43, f25A; Malaisia; Det.  
S.p. 799; Cl. 1391p. 57; Hoffmann, Marburg; *Tolsta* p. 435: *a. cl. 1895p. 28*:  
(*E. tetradon*, var., & *bigibba*, *robusta* & *pilis*.)--*V.H.S. p. 7, 33 f. 56*:  
v. *diminita*, Grun.-V. 4.S. pl. 33f7; *a. cl. 1895p. 28*:  
DIZGA, E., Amer. p. 123, pl. 1-113; K. 3. p. 33-29f11; V. 9. p. 7; R. 9. p. 1.  
17-1f20; Prit. p. 764; B. 3. p. 1. 1331, 333, f27; Wille pl. 3317; *E. min.*  
DOCEADON, E., Amer. p. 1-113; Prit. p. 764; R.E.D. p. 70: (*E. carib.* & *robust*  
)---  
EDULIS, E., Mik. p. 315; Prit. p. 764; Det. S. p. 306:  
EUREMBERGII, Ralfs, Prit. p. 764; Grun. 1332p. 333; S. 9. p. 3. 355;  
Det. Syll. p. 303: (Eunotiae, Species Miltiae.)---  
v. *quaternaria*, Pant. 3p. -21f19;  
ELECTRI, E., Mik. p. 37-3f3; Det. S. p. 307:--(*Cocconota ciliata*:--*E. 10* var.)  
ELEPHAS, E., Amer. p. 123, pl. 1-413; K. 3. p. 37-29f34; V. 9. p. 7; R. 9. p. 1.  
17-1f27; Prit. p. 764; Grun. 1332p. 334; Det. S. p. 301:  
ENNEODON, E., Abh. Ber. 1340p. 15; Mg. pls. 4-1f17; 5-3f43; 16-2f23; 17-1f  
36; K. B. p. 33; K. S. A. p. 3; Prit. p. 764; Amazon; R.E.D. p. 70:  
(*Himantidium e. & robustum*.)---  
ERUCA, Grev.-M. J. 1359p. 179-9f1; Grun. 1331p. 94; Fortn. Cey. p. 50;  
Cl. & M. No. 130: (Amphicampa; -*E. Sibirica*.)  
EURYPTERA, E., Mik. 1353p. 39; Det. Syll. p. 305;  
EXIGUA, Bosc.-Rab. E. C. p. 70; Solm. 1. 1. p. 41, 32; S. 9. p. 3. 355; V. 4. S. p. 1.  
142-34f11; T. No. 270; Cl. 1391p. 56; Det. Syll. p. 792; Pant. 3p. -4f53;  
(*E. minuta*; -*Himantidium*.)  
var., V. 4. S. p. 1. 34f12:  
v. *Nymmanniana*, Cl. 1331p. 3: (E. Nymman.)  
v. *palmosa*; Cl. 1331p. 3: *4/48. 6. 47*: (E. 11 var.)---  
v. *perpisilla*, Grun.-V. 4. Type No. 39 sub;  
FABA, E., Inf. p. 191-21f21; Amer. pl. 1-1f25; Mg. pls. 3-4f16; 5-3f23; 6-  
2f26; 12f29; 13-1f26a, b; 13-2f14; 13-3f7; 17-1f24; 17-2f25a, b; V. 4.  
S. p. 143-34f34; Winnard; Cl. 1391p. 56; Herib. p. 133: (Cystopleria; -  
> *Achnanthes inaequalis*; -*Epithemia*; -*Himantid Solierolii*; -*Syneura arcus*)  
FALX, Greg.-M. J. 1355p. 37-4f1; S. B. D. 2p. 101; T. M. S. 1354p. 105;  
(*E. Ceratoneis* & *Pseudo-Eunotia hemicyclast*.)  
FLEXUOSA, K. S. A. p. 6; R. S. D. p. 16; Mathien; Petit, 1333: V. 4. S. p. 144-35f  
9, 10; Herib. p. 133; -(*Ceratoneis* -*E. brevitata* -*Syneura brevitata* & *E.*)  
v. *bica pitata*, Grun., V. 4. S. p. 1. 35f7: (*E. & Syneura b.*)---  
v. *eurycephala*, Grun., V. 4. S. p. 1. 35f3.  
v. *pachycephala*, Grun.-V. 4. S. p. 1. 35f7: (*E. pach.*)  
v. *trachytica*, Pant. 3p. -5f30:  
FORMICA, E., Amer. p. 123; Mg. pls. 3-4f16; 4-1f13; 35A-3f5; K. B. p. 37; K.  
S. A. p. 3; Abh. B. 1339pls. 1a, f3; 2-1f12; R. S. D. p. 16; Prit. p. 762; Grun.  
1335p. 2-1 M. T. P. I-1-22; Winnard; Amazon; V. H. S. pl. 34f1; Brun &  
T. p. 71; Wille pl. 33120, 21; Lake Michigan; Cl. 1391p. 56; Det. S. p. 795;  
var. "a" *elongata*, Grun. 1335p. 3-2f2a, b; Det. S. p. 795:  
var. "b" *perisura*, Grun. 1335p. 3-1f2a, b; Det. S. p. 795;  
var. "c" *intermedia*, Grun. 1335p. 3-1f2a, b; Det. S. p. 795;  
var. "d" *bigibba*, Grun. 1335p. 3-1f2a, b; Det. S. p. 795;





- var. *"e"* pileus, Grun. I335p.3-If2h,i; Det.S.p.795: (E. pileus.)
- var. *sibnodosa*, V.H.Type No.267:
- GANGETICA, E., Mik.p.I23, pl.35A-9f2; Prit.p.764; Det.Syll.p.305;
- GIBBA, E., Amer. pl.3-If19; Mg. pls.2-If3; 3-If3a,c; 3-If3b-d; 3-If3c-e; If23a-c; If227; I3-2f19; I4f33a,b; I3f47a,b; 33-5f5; 33-6f3; 34-3a,i; 37-If5; 33A-2b,f3,4; 33A-I4f2; 33A-I7f15; 39-3f33; Abh.B.I37 pl.2-If54; A.J.S.I35If37; Weisse I354p.273-If4c: (Epithemia; -E. turgida; -Navicula g. & striatula.)--
- GIBBERULA, E., Amer.p.I25, pl.3-4f13; Mg. pls.5-2f3; 6-If26a,b,27; 6-2f I3a-c; 7-If11a-c,25; 9-If30; I3-If11,17; I4f4; I5A,I70; I5-3f14; 36-If4-If14; 33-7f9; 33A-2a,f3; 33A-3f3; 33A-I7f13; 39-If22,25; 39-If39,40; Abh.B.I339,19.Ib,f13; I,f7; I"1"17; I37f,19.Ia,f3; I6,I23; A.J.S. I35If33,34; M.J.I354p.95-4f2; R.S.C.p.19-If11: (E. gibberula.)--
- GIBBOSA, Grun.-V.H.S. pl.35f13; wolle pl.33f3; Det.Syll.p.307:
- GRACILIS, S.B.C. pl.13-3f12a; Mull; Grun. I352p.335; Solm. l. T.p.53; I337p.53-If7; Italy; New Zealand; R.E.D.p.39; Cl.I33I p.3; I39Ip.56; Kinnora; V.H.S.p.I42-33fI,2: 1.262; Bellec, Lichen: Petit. p.7I; Petit, I333: Det.S.p.793; Herib.p.I34; *Tell. cap. 23f14* (E. exilis, pilulosa, acuminata: -Hirantidium.)----
- forma major, H. & Per.-Herib.p.I3I;
- v. *fossilis*, Part.3p. -24f369;
- v. *capitellata*, Rattl.-Trans. Bot. Soc. Edinburgh. I333, .137-2019; Det.Syll.p.792:
- GRAECA, E.-Abh.Ber.I37Op.54, pl.3-2fII-I4: (Coccinella.)---
- GRAMULATA, E., Inf. p.101-2f130; Pom. Ann. I333. 221-272; A.J.S. I351, I 25; Mg. pls.2-2f23; 3-If2; 5-2f5a; 5-5f37; 5-If23a-c; 9-If33a-c; I5a, f3I; I5b,f2I; I4f33a,b; I5-3fII; 33-If5; 33-If12; 33A-7f14; 33A-I7f11; 39-If25; 39-2f1(36); Abh.B.I339,19.Ia,f4; I"1"11; I37f,19.Ia-f3; I4f33a,b (Epithemia; -E. texturata; -Cystodonta; -Navicula.)
- GUIANENSIS, E.-Mik.p.332; Prit.p.764; Det.S.p.793: (Hirantidium.)---
- HELLENICA, E.-Abh.B.I34Op.2f3; Mg. pls.3-2f13; I4aI: (E. helvetica.)---
- HEPTACYCLOS, Rattl., Prit.p.766; Grun. p.73; Sci. Gos. I337p. I34, 2f43; V. H.S. pl.33f23: (Ceratomyces; -E. falx; -Pseudo-Ermitia; -Synema.)
- HENDECAODON, E.-Abh.B.I34Op.I5; Mg. pls.4-If19; I7-If33; K.B. p.33; K. S.A. p.3; Prit.p.764; Amazon: R.E.D.p.70; *E. hendecaodon*, v.1
- HEPTAODON, E.-Abh.B.I34Op.14; Mg. pls.4-If15; I7-If34; K.B. p.33; V.H.S. pl.33f22; Prit.p.764; Amazon: wolle pl.23f23; Mg. pl.15-2f12: (E. hendecaodon.)
- HERKINIENSIS, Grun.-V.H.S. (E. hendecaodon, v.2)
- HEXAGLYPHIS, E.-Mik. pls.13-If14; I5-3f24; Prit.p.764; V.H.S. pl.34f33: (E. hendecaodon, v.1 & v.2.)---
- ICOSODON, E.-Abh.B.I34Op.I5; I345p.77; Mg. pls.17-If45; 33-If13; K.B. p.39; K.S.A.p.3; Prit.p.764; R.E.D.p.70: (E. polyodon & robusta.)---
- IMPRESSA, E.-Mik. pls.2-2f30; 3-If13; 5-If3; I4f33; Prit.p.764; wolle pl.33f22; Det.Syll.p.300:
- v. *angusta*, Grun.-V.H.S. pls.33f22; 35fI; Herib.p.I34: a
- INCISA, Grun.-M.J. I354p.95-4f4; A.M.N. l. I355p.95; Prit.p.763; Carr. p.76; Arenig Bach; Sci. Gos. I337p. I53, fI34; R.E.D.p.39; Sm. Sp.7. I59; M. T.P. I-I-2I; Nylander, w.: Petit, I333p. -4fI3; V.H.S. pl.34f35a; wolle, *Petit, Cap. 23f14*

+ major, a. cl. 1895 p. 27: Petit Cap Horn.

" var. Semel constricta, Rattr. - Tolsta p. 436-2958:

" v. ventricosa, a. cl. 1895 p. 27-1 f 37:

+ media, a. cl. 1895 p. 32-1 f 38:

- pl. 33f24; Cl. 139f1.53; Herib. p. 133; (E. v. ... )---  
 " var. "b" Griseb.-M.O. 1354p. 95-4f4b; Carr. p. 73; Lewis, W.M.O. 1.  
 13-2f12a; *a. cl. 1895p. 30*  
 " v. obtusiuscula, Griseb.-V.H.S. pl. 34f35b;  
 INDICA, Griseb. 135f1.5-1f7a,b; M.T.P. I-1-5; Del. Syll. p. 797;  
 " var. "b" ventralis, Griseb. 1365p. 5-1f7c; Del. S. p. 797;  
 INTERMEDIA, Griseb.-Cl. & M. 109 sub; (E. lobata, v.)-  
 JANUARIA, E.-Mik. p. 311; A.J.S. 1359p. 1-3f3; Prit. p. 734; Del. S. p. 797;  
 JAPONICA, Pant. 3p. 7. -2f25;  
 JASTRABENSIS, E.-Mik. pl. 3-1f3a,b; Italy: (Epithemia argilata.)  
 JOTCANI, E.-Abh. Ber. 1349p. 191; 1370p. 54; M.T.P. I-1-47; Del. S. p. 797;  
 KENTUCCENSIS, E.-Mik. 1356p. 69; Del. Syll. p. 305;  
 KURZEANA, Griseb.-M.T.P. I-1-26; Cl. & M. No. 129;  
 KURZII, Sm. Sp. 1. 657; (E. Kurziana.)---  
 LAEVIS, E.-Mik. pl. 39-3f41; A.J.S. 1351, f39;-(E. & Minantidium venens.)-  
 LAPPONICA, Cl. & M. No. 129; *a. cl. 1895p. 30*  
 LEPTOCAMPA, E.-Abh. B. 1372p. 130; Del. S. p. 306;  
 LEPTOSTOMA, E.-Mik. p. 201; Prit. p. 734; Del. S. p. 306;  
 LEPIDA, E.-Mik. p. 59; Prit. p. 734; Del. Syll. p. 305;  
 LIBRILE, E.-Amer. p. 126, pl. 3-1f33; Mg. pls. 5-2f5b; 37-1f6; 39-3f43;  
 R.S.D. p. 13-1f31; (Epithemia.)  
 LONGICORNIS, E.-Abh. Ber. 1345p. 139; 1370p. 1.2-1f59; 1371p. 1b, f22; Mg.  
 pls. 3-1f4; 3-2f9; 12f22; 39-1f19; 39-2f10a; 39-3f34, 35; 33A-2a, f3;  
 A.J.S. 1351p. 19, f22, 24; (Epithemia.)---  
 LUNA, E.-Abh. B. 1345p. 77; Mg. pls. 15A, f53a,b; 33-12f15; V.S.A. p. 5; Del.  
 S. p. 797; Prit. p. 732;  
 (Cystopleura & Epithemia Hymannii: Pseudo-Einotia.)-  
 LUNARIS, Brev.-Rab. E.O. p. 69; Cl. & M. 233; 1331p. 3; 1391p. 53; V.H.S. p.  
 144-35f4, 3, 3a; T. 272; Kinnora; Perag. p. 71; Malaisia; Lake Michigan;  
 Bellon, Liebon: Woll. pl. 33f15, 13, 19; Herib. p. 133; *a. cl. 1895p. 30*-(Synedra.)-  
 " v. alpina, Naeg.-Griseb., V.H.S. pl. 35f5; (E. alp.)  
 " v. bilunaris, Griseb.-V.H.S. p. 144-35f3b; Herib. p. 133;  
 " v. excisa, Griseb.-V.H.S. pl. 35f6; Bellon, Liebon; *a. cl. 1895p. 30*  
 wolle pl. 33f17; *a. cl. 1895p. 30*  
 " v. subarcuata, Naeg.-Griseb., V.H.S. p. 144-35f2; Herib. p. 133;  
 (E. subarcuata.)--- *a. cl. 1895p. 30*  
 LUNULA, E., Mik. pls. 33-7f9a; 33-14f3; Del. Syll. p. 305; (Epith.)-  
 MAJOR, Griseb. 1365p. 5-1f3; R.E.O. p. 72; Italy; Lake Michigan; V.H.S. p.  
 142-34f14; T. No. 271; Woll. pl. 33f1-4; Kinnora; Cl. 139f1.53; Herib.  
 p. 131; Del. S. p. 791; *Tolsta p. 435*; (E. biceps & monodon; -Minantidium.)-  
 " v. biuens, W.S.-Rab. E.O. p. 72; V.H.S. p. 142-34f15; Herib. p. 113;  
 Woll. pl. 33f14; (Minantidium.)---  
 " var. sex-undulata, Griseb. 1365p. 5;  
 " v. octundulata, Griseb. 1365p. 5;  
 MARGARITACEA, E.-Mik. pl. 34-12b, f3;  
 MESOGONGYLA, E.-Mik. pl. 9-1f27; (Cystopleura unguis, v.)  
 MESOLEPTA, E.-Mik. pl. 9-1f26; (Cystopleura unguis, v.)  
 MIBIMA, Gutwinski Gal. 1391p. 131. 1392p. 35-1f3; Notat. 1392p. 139;  
 Del. Syll. p. 798;

monodon,

" v. diodon, Gmn. ? - V.N.S. - (E. diodon.)



- MINOR, K.-V.H.S.pl.33f20,21; Herib.p.132;  
(E.pectinalis, var., & biceps; -Himantidium.)---
- MINUTA, Hilse 1360p.79; Rab.Alg.No.1137; R.E.D.p.73; Grun.1363p.94;  
(E.exigua, var.)----
- MINUTULA, Grun.1362p.336-6f12; R.E.D.p.70; Del.S.p.799;
- MIRIFICA, E.-Abh.Ber.1370p.130; (Amphicam, a.)---
- MONODON, E.-Amer.pls.2-5f7; 3-3f3; Mg.pls.2-2f26; 3-1f13; 4-3f17;  
15A, f64; 13-2f16; 13-3f9; 13f70; 33-3f4; 33-10f4; 35B-22, 13; 35B-13,  
f4; 33A-17f15; 33A-20f12; 39-31f15, 17; Amer.1370p.12-1153, 3; 1371,  
pl.1; 1372; A.J.S.1342p.100, f32; 1373, f27; A.H.S.1341p.100-1153; 1374  
p.173-19f1; Mall; S.B.D.13-2f16; Braemar; Amazon; R.E.D.p.73;  
Schum.H.T.p.51; Kinnora; Amazon; Deby D.T.: V.H.S.pl.33f3, 4; Brn &  
T.p.71; Atlantic City; Wollé pl.33f4, 12; Cl.1391p.55; 1392p.100;  
(E.alpina, major, & didon, v.: -Himantidium arcis & m.)---A.C.137  
v.didon, Herib.p.133; Grun.?-V.H.S.-(E.didon)  
v.hendecadon, Herib.p.133;  
v.aidema, Grunow 1363p.1;  
v.minuta, R.E.D.p.73; Wollé pl.37f3; (E.minuta.)--
- MOSIS, E.-Mik.p.33; Abh.B.1370p.31, pl.2-1153; 3-3f17-18; 1371p.1-18,  
f13; Prit.p.764; Wollé pl.33f30-32; Del.S.p.304;
- MUSCA, E.-Abh.B.1340p.15; 1370p.33, pl.2-1153-33; Mg.pl.1-2f12;  
1-3f3a, b; 15B, f25; 13f74a, b; Amer.pl.3-3f4; K.B.p.37-29f43; K.S.A.p.  
5; Prit.p.732; Calif.p.73; Grun.1363p.1; Amazon; R.E.D.p.33; Kinnora;  
Del.S.p.796; (E.ventralis; -Navic. gibba; -Himantidium arcis.)
- MONARIA, E.-Abh.Ber.1345p.47; Prit.p.734; R.E.D.p.71; -(E.Ehrenbergii.)
- NYMMANNIANA, Grun.-V.H.S. Del.S.p.307; (E.exigua, v.)C2---
- OCELLATA, E., Abh.B.1340p.15; ~~1370p.33~~ Amer.pl.1-3f5a, b;  
Mg.pl.6-2f17c, d; (Epithemia.)----
- OCTODON, E.-Abh.B.1340p.15; Mg.pls.2-2f13; 4-1f13; 7-3f12; 13-3f16;  
17-1f13; K.B.p.33; K.S.A.p.3; Prit.p.734; R.E.D.p.73;  
(E.polydon & robusta.)--
- OCTONARIA, E.-Mik.pl.33-10f5; Prit.p.764; R.E.D.p.71; -(E.Ehrenbergii.)
- PACHYCEPHALA, K.S.A.p.6; R.S.D.p.13;  
(Ceratonis; -E. & Synedra flexuosa, v.: -Syn.p.)----
- PALUDOSA, Grun.1362p.336-6f10; Schum.H.T.p.41, 53-1f7; R.E.D.p.69;  
Cl. & M.No.131; Ebert, Cassel; Malaisie; Del.Syll.p.  
793; Herib.p.135; (E.exigua, var., -robusta, var., & gracilis.)----
- PAPILIO, Grun.1363p.94; Cl.1391p.57; (E.robusta, v.: -Himantidium.)--
- PARADOXA, E.-Mik.p.12; Prit.p.734; Del.S.p.305;
- PARALLELA, E., Abh.B.1340p.15; Mg.pls.2-2f13; 4-1f13; 7-3f12; 13-3f16;  
14f53a, b; A.J.S.1342p.100, f32; K.B.p.36; K.S.A.p.5; R.S.D.p.16; R.E.  
D.p.72; Grun.1362p.332; 1363p.2-1153, 6; 1364p.43-1153; 1365p.100-1153;  
S.pl.34f13; Cl.1331p.3; 1391p.56; Wollé pl.33f15; Del.S.p.796; Herib.  
p.133; A.C.1345p.2; Prit, Cap.Ham; (Himantidium p. & arcis.)--  
var. "b" ventralis, Grun.1365p.3-1f36; Del.S.p.796; (E.ventr.)---
- PECTINALIS, 1366p.73; Cl. & M.No.132; Schum.H.T.p.41, 53-1f7; Prit, 1341p.5;  
H.S.p.142-33f15, 13; T.263; Kinnora; Wollé pl.33f12, 13; Lake Michigan;  
Cl.1391p.55; Del.S.p.796; Schum.H.T.p.41, 53-1f7; Prit, 1341p.5;  
(E.depressa & tenuis; -Flag.p., granula & depressa; -Himantidium.)--

+ pectinalis,

> " v. compacta, a. cl. 1895 p. 30:

+ " var. undulata, Tolsta p. 436:

Antodon, var.  $\beta$ , Demerarae; - E. Mik. p. 326:

+ Pracnpha, a. cl. 1895 p. 33:  
" videns, forma minor, a. cl. 1895 p. 34 f. 22:  
" v. bigibba, Kz. - a. cl. 1895 p. 34:

" f. elongata, a. cl. 1895 p. 34:

- var., V.H. Type No. 264;  
*v. bicostriata*, Grun.-Cl. & p. 252, 253; V.H.S. p. 1. 34f16a;  
*v. borealis*, Grun. I334p. 43-2f10; Det. Syll. p. 793;  
*v. curta*, V.H.S. p. I43-33f15; Woll. pl. 33f15, 16;  
*v. elongata*, V.H.S. p. I43-33f16; Woll. pl. 36f19, 20; A.M.M.S. I391p. 1.  
 If16; Herib. p. I32; *a. cl. 1895 p. 31*;  
*v. minor*, Rabh. E.D. p. 74; Italy; *a. cl. 1895 p. 31*; — (E. minor; -himantidinae.)  
*v. Solierolii*, V.H.S. p. I43; (E. 3 himant. 301.) ---  
*v. stricta*, Rabh. E.D. p. 74; V.H.S. p. 1. 33f18; Woll. pl. 33f17, 18;  
 Herib. p. I32; *a. cl. 1895 p. 31*; (E. depressa; -himantid.) --  
*v. trachyta*, Pent. 3p. -I2f197;  
*v. undulata*, Ralfe.-Grun. I365p. 4-If5; R.E.D. p. 74; V.H.S. p. I43-33f  
 17; Petit, I333: T. No. 255; Malaise; I310p. 102; (himantid.)  
*v. ventricosa*, Grun.-V.H.S. p. I43-33f19b; Italy; Herib. p. I32-5f5;  
 PENTAGLYPHIS, E.-Mik. p. 13-2f11; I7-If12; Prit. p. 764-1f6; A. J. S. p. 1. 33f19, 20.  
 Lewis W.M.D. p. I3-2f4; Woll. pl. 33f29; Grun. I362p. 333; Cl. I391p. 37;  
 Det. S. p. 793; (E. 3 himantid. 11, p. 1. 33f19, 20.) ---  
 PENTODON, E., Inf. p. I92-2If26; M. p. 13-2f23; I7-If31; W.B. p. 33-5f  
 2(27); K.S.A. p. 7; Cole, Essex; A.J.S. I342p. 100-2f32; Prit. p. 763;  
 R.E.D. p. 70; (E. robusta.) ---  
 PERPUSILLA, Grun.-V.H.S. p. 1. 34f16a; — (E. himantid. 11, p. 1. 34f16a.) ---  
 PHRYGIA, E.-Mik. p. 35; Prit. p. 764; Det. Syll. p. 305;  
 PILEUS, E.-Amer. p. 1. 2-If5; M. p. 1. 39-3f44; Prit. p. 764;  
 (E. didon & formica, var.) ---  
 PLECTRUM, E.-Mik. p. 13-2f15; Prit. p. 765; Grun. I362p. 333;  
 Det. Syll. p. 793; (E. 3 himantid. 11.) ---  
 POLYDENTULA, Bran.-Petit I333p. -4f19;  
 (Himantidinae; -E. 3-, 4-, 5-, 6-, 7-, 8-2f18.) ---  
 POLYDON, E.-Mik. p. 31; Prit. p. 764; Det. S. p. 793;  
 POLYDON, E., Abh. 131. I315p. 77; M. p. 1. 17-1f45; W.B. p. 1. 33-5f  
 R.E.D. p. 70; Woll. pl. 33f11; (E. 3 himantid. 11.) ---  
 POLYGLYPHIS, Grun.-V.H.S. -Det. S. p. 793; I310p. 102; I311p. 103;  
*v. hexa*, I310p. 102; Grun.-V.H.S. p. 1. 34f16a; Woll. pl. 33f11;  
 PRAPURUS, E.-Amer. p. 1. 116; M. p. 1. 18-2f27; 2-2f28; 2-2f29; 2-2f30; 2-2f31;  
 I32, 13; 5-1f5; 13-1f17; M. p. 1. 17-1f45; W.B. p. 1. 33-5f  
 1. 13; A.J.S. p. 1. 1-1f4; Grun. I362p. 333; I391p. 37; V.H.S. p. 1. 13-33f19, 20.  
 Syll. p. 795; Woll. pl. 33f17, 18; I310p. 102; (E. 3 himantid. 11.) ---  
*v. robusta*, Grun.-V.H.S. p. 1. 13-33f19, 20; Cl. I391p. 37; Det. Syll. p. 795;  
 Grun. I334p. 43-2f10; Det. S. p. 793; *a. cl. 1895 p. 31*; (E. 3 himantid. 11.) ---  
*v. robusta*, Grun.-Cl. I331p. 3; V.H.S. p. I44; Herib. p. I34; — (E. bid.)  
*v. curta*, Grun.-Cl. I331p. 3; V.H.S. p. 1. 34f24; *a. cl. 1895 p. 34*;  
*QESTrip 1897 p. 336*;  
*v. inflata*, V.H.S. p. I43-34f17, 18, 23; Herib. p. I34;  
*v. laticaps*, Grun.-Cl. I330p. 109; V.H.S. p. 1. 34f25; Det. S. p. 793;  
 PRIONOTUS, E.-Abh. Ber. I340p. 15; M. p. 1. 17-1f41; W.B. p. 1. 30; K.S.A. p. 3;  
 Prit. p. 764; R.E.D. p. 70; (E. 3 himantid. 11.) ---

+ Robusta, Petit, Cap Horn:

" v. papilio, Oestrup 1897 p. 336: ~~Petit~~ Cap Horn



- QUATERNARIA, E.-Amer.p.126, pl.2-1113; Mg.pls.35A-2f10; 39-3f43; V.B.  
p.33-29f59; K.S.A.p.7; R.S.D.p.17-1f17; A.M.M.1.133p.47-410; S.G.1.  
2p.34; Prit.p.764; Amazon; Schum.4.1.1.52-1f3; Grn.1332p.334; Del.  
Syll.1.301; R.E.D.1.71; (E.Ehrenbergii.)---
- QUATUORDENARIA, E.-Mik.pl.33-10f3; Prit.p.764; R.E.D.p.71; -(E.Ehrenbergii.)---
- QUINARIA, E.-Amer.p.126, pls.2-1f12; 4-1f13; Mg.pl.39-3f19; V.B.p.33-  
5f27(1); 29f53; K.S.A.p.7; R.S.D.p.17-1f15; Prit.1.764-12f30; Grn.  
1332p.337-3f14; Amazon; R.E.D.p.71; -(E.pentaglyphia & Ehrenbergii.)--
- QUINDENARIA, E.-Mik.pls.13-1f37; 17-1f42; Prit.1.764; R.E.D.1.71;  
(E.Ehrenbergii.)---
- RABENHORSTII, Cl.& Grn.-V.H.S.pl.35f12;  
" v.monodon, Cl.& Grn.-V.H.S.pl.35f12b; Herib.p.135;  
" v.triodon, Cl.& Grn.-V.H.S.pl.35f12a;
- REGIOMONTANA, Schum.-DeToni, Syll.p.792; (Himantidium.)--
- ROBUSTA, Ralfs, Prit.p.763; Carr.p.77; Grn.1332p.334; Sm.Sp.1.100;  
M.1.P.1-2-8,9; Atlantic City; Cl.1331p.3; 1391p.57; V.H.S.p.144;  
Del.S.p.302; *Cl.1895p.28*; -(Eunotiae, species multae; -himantidium.)-  
" v.diadema, Ralfs, Carr.p.77; Petit 1333p. -4f20; V.H.S.pl.35f12;  
Wolle pl.36f11; A.M.M.1.1391p.1f15; *Cl.1895p.28*; (Eulalia.)--  
" v.henaeodon, Ralfs.-Petit, 1333p. : V.H.S.pl.33f13; Wolle  
pl.36f13; *Cl.1895p.28*; (Eulalia.)---  
" v.intermedia, Grn.-DeToni, S.p.302; (Eulalia.)--  
" v.papilio, Grn.-V.H.S.pl.33f8; Wolle, 36f10; -(Eulalia & Himantidium.)  
" v.tetradon, Ralfs, Carr.p.77; V.H.S.p.143-33f11; Petit, 1333p. ;  
Wolle pl.36f9; Herib.p.133; *Cl.1895p.28*; (Eunotia.)  
" v.triodon, Carruthers p.77;
- ROSTRATA, E.-Mik.p.59; Del.Syll.p.306;
- SANCTI-ANTONI, E.-Abh.Ber.1354p.223; Mg.pls.33-13f9, 10; 34-5b, f7a, b;  
38A-15f5, 6; Denticula laeta; -Epith.& E.beatorum.)---
- SAVANNAE, E.-Mik.p.332; Prit.p.764; Del.S.p.306;
- SCALARIS, E.-Mik.pl.17-1f44; Prit.p.764; (Eulalia.)-
- SELLA, E.-Amer.p.126, pl.2-1f7; Mg.pl.33-12f17; K.B.p.37-29f50; K.S.A.  
p.7; R.S.D.p.17-1f23; Prit.p.763; Amazon; Wolle pl.23f29;
- SENARIA, E.-Abh.Ber.1345p.3; Prit.1.764; R.E.D.1.71;  
(E.Ehrenbergii & hexaglyphis.)---
- SEPTENA, E.-Amer.1.126, pl.4-2f13; K.B.1.33-29f52; K.S.A.p.3; R.S.D.  
p.17; Prit.p.764; Amazon; S.G.1337p.157, f101; R.E.D.1.71;  
(E.Ehrenb., & septenaria.)---
- SEPTENARIA, E.-Mik.pl.33-10f7; -(E.Ehrenbergii, hexaglyphis, septena.)--
- SERPENTINA, E.-Mik.p.5; Prit.1.764; Del.S.p.305; (Ophiocarpa.)---
- SERRA, E.-Inf.p.193-2f23; Mg.pls.13-1f35a, b; 13-2f31; 17-1f39, 40;  
33-10f3; A.S.S.1342p.100-2f30; K.S.A.p.3; Grn.1332p.333;  
R.E.D.p.70; Nylander, w.; (E.Ehrenbergii & robusta.)-
- SERRULATA, E.-Mik.pls.4-1f21; 13-1f33; 13-2f32; 17-1f40; Prit.p.764;  
Wolle pl.36f33, 34; (Eulalia.)---
- SIBIRICA, E.-Mik.p.81; Prit.p.764; Cl.1330p.15-7f122; -(Eulalia, v.)---
- SIMA, E.-Abh.B.1345p.77; Mg.pl.33-12f13; K.S.A.p.5; Prit.p.763;  
Grn.1332p.333; Del.Syll.p.797;

✓ Guerra, a. el. 1897-29-1 f 31, 32.

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SOLIEROLI, Rabh.E.D.p.74; M.T.P.I-1-27; Virch.Alg.Schl.p.214; Del.  
Syll.p.793:-(E.pectoralis,v.: -E.pectoralis;-Hyalina.faba &c.)  
SPHAERULA, E.-Mik.pls.6-If29; 8-If3a,b; Abh.B.I37Op.55; weisse Cl.1.  
303-2f23; Del.S.p.301:-(E.10-fissilis;-E.cistula;-Coccinella;-Hyalina.faba &c.)  
STRIATA, Rabh.E.D.p.72; Del.Syll.p.794; (Hyalina.faba &c.)  
SUBTILIS, E.-Mik.p.II;  
SUBULATA, E.-Abh.B.I349p.33; I37Op.55, p.13-14; Del.Syll.p.301;  
SUBULIS, E.- : Prit.p.764;  
SYNEDRA, E.-Mik.p.332; Prit.p.764; Del.Syll.p.305;  
TAPACUMAE, E.-Mik.pl.34-3a,16; Prit.p.764; Grun.I362p.331; Del.S.p.  
300: (Ophiocampa)---  
TENELLA, Grun.-Cl.I39Ip.56: *a. ee. 189*  
TEMUIS, Grun.-Cl.& M.No.I41: (E.pectoralis,v.)---  
TERRA, E.-R.E.D.p.71: (E.I2-dentata.)  
TETRAGLYPHIS, E.-Mik.l.I72; Prit.p.764; Del.S.p.305;  
TETRAODON, E.-Inf.p.I92-2If25; Mg.pls.2-2f32; 2-3f12; 3-4f12; 4-5f12;  
4-2f23; 5-3f40; 15-3f15; 17-1f30; 17-2f29; 19-1f22; 33-3f5; A.M.N.H.  
I344p.461-I414; I345p.174-I914; Mass.Alg.p.417-97f7; V.O.J.33-3f23;  
Bracon; S.C.D.Ip.15-2f19; R.Alg.B.V.I4020; Prit.p.764; M.O.H.I.1342;  
Grun.I362p.337; Amazon; Arenig Bach; R.E.D.p.70; Macdonald pl.Iof2;  
Kinnora; Del.S.p.301: A.O.S.I342p.100-2f31; Cole, Essex; Tolstap.  
(E.diadema, didon, robusta,v., & tridon; Himant.robustum &t.)-  
TEXTRICOLA, E.-Amer.p.I23,pl.3-If40; Mg.pls.5-If3; 6-If23a-c; 9-If29;  
10-2fI3a-c; 12f24; 14f32a,b; 15A,f59; 39-3f45; weisse I35Ip.273-  
If4a: (Epithemia ocellata &t.: -E.aigus &granulata.)---  
TRANSYLVANICA, Part.3pZ. -3f36;  
TRIDENARIA, E.-Mik.pl.33-10f9; Prit.p.764: R.E.D.p.71:  
wolle pl.23f30: (E.Ehrenbergii.)  
TRIDENTATA, E.-Mik.pl.35A-5f2;  
TRIDENTULA, E.-Amer.p.I23,pl.2-IfI4; Mg.pls.I5B,f29a,b; 35A-5f2; 39-  
3f5I; K.B.p.33-29f60; K.S.A.p.7; R.S.D.p.I7-IfIo; R.Alg.L.Nos.3I,50,  
1022a; R.Bac.Fxs.5F; A.O.S.I351,f13; A.M.N.H.I355p.17-112; V.O.H.  
pl.9f2; S.C.D.2p.55; M.O.I350p.1.III; Prit.p.764; Grun.I362p.335-3f12;  
Schum.H.T.pp.4I,52-If3; Hoffmann,Maburg; R.E.D.p.70; Petit liste p.  
25; Belloc,Luchon; Perag.p.7I; Spamer,Daren; wolle pl.33f25,26; Cl.  
I39Ip.57; Del.Syll.pp.30I,305; Herib.p.I34;  
(E.crenulata, Ehrenbergii &perpusilla.)----  
" v.bidentula, Heribaud p.I34;  
" v.perminuta, Grun.-V.H.S.I.I43-34f29,50; *a. ee. 189*  
TRIGLYPHIS, E.-Prit.p.764; (E.tridon,Ralfs.)  
TRIANGULATA, Schum.H.T.p.52-If5;  
TRIODON, E.-Abh.Ber.I337p.45: Inf.p.I92-2If24; Mg.pls.I6-If3I; I6-2f  
20; I7-2f23,29; 33-10fIO,II; 39-If23; 39-3f50; Mass.Alg.p.417-97f7;  
A.M.N.H.I344p.461-I415; I345p.174-I913; V.O.J.27-3f12; V.S.J.1.7; S.  
B.D.Ip.15-2f15; Prit.I352p.1.3f154; Bracon; Mill: Prit.p.764-1f4;  
9fI64; S.C.I337p.134,1145; Nylandt,w.: Amazon B.E.D.I.70,71; S.  
Sp.T.658; Bail.Strict.p.310-I3fII; Moore; M.T.P.I-2-4; Cl.10.17;  
V.H.S.p.I44-33f9,10; T.253; Cl.I33Ip.6; I39Ip.77; Kinnora; wolle pl.





- 36f7, 8; Del. S. p. 301: *A. 1897*. 30: *Oestrup 1897 p. 336*:  
 (E. robusta, v., & tetradon, v.: -E. dzyga & triodon.) ----  
 " forma robustior, Perty, Kl. Lebens. p. -I7f5: (E. triodon.)  
 TRIODON, Rafs., -A.M.N.H. Vol. 13, p. -I4f3; (E. triaglyphis.) --  
 TSCHIRSCHIANA, O. Muller. *f. 890 p. 328-19 f. 14-17; A. 794*. --- (Himantidium.) -  
 TURGIDA, E. -Abh. Ber. 1837 p. 45; Inf. p. 190-I4f5; 2If20a; Amer. pl. 3-4f3;  
 Mg. pls. 2-If3; 9-If23; Quakett H.C. pl. 12f5; Prit. 1852 pl. 14f1-3:  
 (E. gibba; -Frust. Jurgensii & picta; -Navicula *A. & silicula*). ---  
 UMBILICATA, E. - ; Prit. p. 764;  
 UNCINATA, E. -Amer. p. 126; Mg. pls. 2-3f20; 15B, f23; 16-3f19; K.B. p. 37;  
 K.S.A. p. 6; R.S.D. p. 16; Kinnora; Cl. 1891 p. 6:  
 (E. (& Himantidium) *arcus*, var., & *gracilis*.) --  
 UNDENARIA, E. -Mik. pl. 33-10f12; Prit. 1. 764; R.E.D. p. 71; Woll. 33f35;  
 UNDOSA, E. -Abh. Ber. 1870 p. 55; Del. Syll. p. 304;  
 " v. *granulata*, E. -Abh. B. 1870 p. 55, pl. 2-1f31;  
 " v. *monodon*, E. -Abh. B. 1870 p. 55, pl. 2-1f62;  
 " v. *zebra*, E. -Abh. B. 1870 p. 55, pl. 2-1f63;  
 " v. *zebrina*, E. -Abh. Ber. 1870 p. 55, pl. 2-1f60:  
 UNOULATA, Rafs. -Eul. Sp. 7. 4I; M.T.P. I-2-1, 2, 3; Kinnora;  
 URALENSIS, E. -Mik. p. 70; Prit. p. 764; Del. S. p. 303:  
 VENERIS, K. -De Toni, Syll. p. 794: (Himantidium.)  
 VENTRICOSUS, E. -Amer. p. 126; Mg. pls. 1-3f20; 2-3f19; 2-2f22; 1-1f11; 3-3f39;  
 15B, f25; 16-2f17; 16-3f13; 17-1f23; 17-2f20; 33-3f6; 33A-20f30;  
 K.B. p. 37; K.S.A. p. 7; R.S.D. p. 16; Prit. p. 762; Woll. 1854 p. 107-1f2;  
*Em. p. 1-2 f "A"*; --- (E. nodosa, p. p.: -E. parallela, v., & *pectinalis*, v.) --  
 VENTRICOSA, Grun. 1855 p. 4-1f4; Nylander, w.: Del. Syll. p. 793;  
 Kinnora; (E. *pectinalis*, v.)  
 " v. *elongata*, Grun. 1855 p. 4; Del. Syll. p. 793;  
 VENTRICULUS, Schum. 1862 p. 134-3f7; Del. S. p. 797:  
 WESTERMANNI, E. -Inf. p. 190-I4f6; Mg. pls. 6-1f16a-d: 8-1f1; 9-1f23;  
 15A, f60, 62; 13-1f13a, b; 13-2f15; 13-3f11: 37-2f4: *Abh. 1836 p. 130*:  
 (Cystopleura; -Epithemia; -Eu. plectrum; -Frust. picta.) ---  
 ZEBRA, E. -Inf. p. 191-I4f7; 2If19; Mg. pls. 6-1f24; 9-1f24, 25; 13-1f12a:  
 14f60; 15A, f33; 17-2f31; 33A-17f14; 39-1f24; Abh. Ber. 1836 p. 130:  
 1869 pl. 1a, f17; 1c, f11, 17, 18; 1" f3; 1g, f6, 9: (Epithemia.)  
 ZEBRINA, E. -Amer. p. 126; Mg. pls. 1-1f6; 2-2f29; 4-2f23; 5-1f4; 6-1f27; 12-3-1f2a, b;  
 13-1f12b, c, 16a, b; 13-2f20; 14f72, 61; 15A, f37, 63a; 15B, f22a, b, 26;  
 16-3f12; 33-1f6, 6x; 33-6f4; 33-7f10; 33-14f7; 35A-7f5; 39-1f26;  
 39-3f52; Abh. Ber. 1869 pls. 1g, f23; 1of10; 6: 11, f4; 1870 pl. 2-1f56; 1871 pl. 1c, f5:  
 (Epithemia.)  
 ZYGODON, E., Amer. p. 127, pl. 2-1f6; 17-1f18, 150, 123; 13-1f12a, b; 17-1f12b, c;  
 27, 28a, b; K.B. p. 37-29f49; K.S.A. p. 7; R.S.D. p. 17-1f12; Prit. p. 763;  
 Amazon; Nylander, w.: Woll. pl. 33f27, 28; Del. S. p. 303:

EUNOTIOPSIS. --- (*Greenow, 1877*). ---

JANISCHII, Grun. -Cl. & M. Nos. 64, 257:

(Eudora J.)

> *livittatum*, v. *elongata*, Brum; — ???

- AMPHIOXYS, E.-Abh.Ber.I355p.302; Del.Syll.p.392:-(Biddulph.linnata.)---  
 BIVITTATUM, Pant.Ip.43-26f247; J.Q.C.I337p.77-3f24; Notar.I333p.533;  
 Del.Syll.p.393: (E.densis.)  
 DEBILE, Grun.-V.H.S.pl.I26f17-19; Wollp.pl.35f16; Del.S.p.393;  
 (Anaulus.)  
 ELONGATUM, E.-Abh.Ber.I355p.302; Del.Syll.p.393;  
 FRAUENFELDII, Grun.-V.H.S.pl.I26f14; Del.S.p.392: (Eudora.)  
 LAEVE, Grun.-Cl.&M.No.257; Fortm.Cey.pl.9f93-95; V.H.S.pl.I26f15, 16,  
 17, 18; Cl.Verg.I.500; Wollp.pl.35f17-19; Del.S.p.392:-(Biddulph.linnata.)---  
 NOVIMLOCULATUM, Weisse I354p. -2f37a,h; Prit.p.360:-(E.variab.,var.)  
 PRODUCTUM, Grun.-V.H.S.pl.I26f5; Atlas I44f12-14;  
 QUINQUELOCULATUM, Weisse I354p. -2f37b,1,1,k; Prit.p.360-  
 3f30: (E.variab.,var.)---  
 SEPTIMLOCULATUM, Weisse I354p. -2f37e,g; Prit.p.360:-(E.variab.,v.)--  
 TENUIS, Gro.&St.-Deloni,Syll.p.392: (E.bivittatum.)--  
 TRILOCULATUM, Weisse I354p. -2f37a,c; Prit.p.730:-(E.variab.,var.)  
 VARIABILE, Grun.-Witt I335p.24-3f2,4; Atlas I44f17-19,17-18,22-23;  
 Pant.2p.32; Del.S.p.391: (E.3 to 9-loc.)  
 \* v.quinqueocularis, Grun.-V.H.S.pl.I26f11,12:-(E.7-10-loc.)  
 \* v.septemlocularis, Grun.-V.H.S.pl.I26f10:-(E.septemloc.)---  
 WEISSEI, E.-Abh.Ber.I355p.302; Grun.I334p.7-2f21,22; Witt I335p.24-  
 10f7; Atlas I44f33,42,43; Pant.2p.32; 3p. -22f323; Del.S.p.391:  
 (Bidd.tridentata.)-  
 \* v.producta, Gro.&St.-J.Q.C.I337p.3-2f6,7; Pant.2p.32; 3p. -22f  
 332; Atlas I44f40,41; Notar.I337p.346; Del.S.p.392:

## EUDORA. -----

- ATLANTICA, Pers.-Villef.p.72-2f17;  
 BARBADENSIS, Grev.-L.M.S.I361p.2-3f6,7; R.E.D.p.313; Del.Syll.p.  
 I325; W.&C.2p.2-4f14;  
 BRITWELLI, Ralfs.-Prit.p.352; V.H.S.pl.I26f20; Del.S.p.I327:  
 (E.producta; -Triceratium obtusum & semicirculare.)---  
 CAPILLARIS, Brun I391p.26-17f4; Del.S.p.I326: (Hemidiscus.)--  
 CEYLANENSIS, Fortm.Cey.p.62-6f65: (E.gibba.)  
 CHINMOANA, O'M.-M.J.I369p.201; Del.Syll.p.I327:  
 FRAUENFELDII, Grun.I363p.I58-I4f19; I363p.24; M.T.P.4-2-2; Cl.&M.  
 61; Sm.Sp.T.359:-(Eunotogramma; -Anaulus campylodiscus & W.)  
 GIBBA, Bailey Mss.; Prit.p.352-3f22; R.E.D.p.313; Sm.Sp.T.131; Jan.  
 Gaz.pl.1f7; M.T.P.4-2-1; Villef.p.72; Wollp.pl.63f26; Del.Syll.p.  
 I325: (Dichomenis subtilis; -Goniothecium  
 anaulus; -E.Ceylanensis; -Hemidiscus subtilis & cuneatus.)  
 GIGANTEA, Brun & Temp.p.71:  
 \* v.minor, Brun & T.p.71;  
 HARMANNIANA, ; Del.Syll.p.I327:-(Palmeria.)  
 HUNGARICA, Pant.3p. -29f429;  
 INORNATA, Castr.I337p.I49-I2f1; Brun & T.p.71; Malaisia;  
 (Del.Syll.p.I326; (Hemidiscus.)---  
 \* v.curvirostrata, Brun & T.p.71; Brun I391p.26-17f5; Del.S.p.I326;

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- JANISCHII, Grun.-V.4.S.pl.127f1-4; J.Q.C.1337p.II; Brin & T.p.71;  
 Woll. pl.105f19-21; Det.Syll.p.1327; (Euodopsis.)---  
 MARGARITACEA, Brin & T.p.p.37-4f3; Det.S.p.1326; (Meridensis.)---  
 MARYLANDICA, ; Det.S.p.1327:-(Tricratium M., )  
 ORBICULARIS, Casti.1337p.149-12f15; Notar.1339p.757; Det.S.p.1325;  
 PRODUCTA, Grun.-V.4.S.pl.126f16; Det.S.p.1327; (E.Brightwelli, var.)  
 RADIALA, Casti.1337p.150-12f4; Notar.1339p.757; Det.S.p.1325;  
 RECTA, Casti.1337p.149-12f3; Jan.Gaz.pl.1f3; Notar.1339p.757;  
 Det.Syll.p.1326;  
 STRIALA, Gro. & St.-J.Q.C.1337p.II-3f14; Notar.1337p.343;  
 Det.S.p.1326;  
 VENTRICOSA, Casti.1337p.150-12f5; Brin & T.p.p.71; Notar.1339p.757;  
 Det.S.p.1326;  
 " var., Casti.1337p.150-12f3;  
 WEISSLOGII, Grun.-V.4.S.pl.126f13; Jan.Gaz.pl.1f3; Det.S.p.1327;  
 (Genus novum ?)

### EUPHYLLODIUM.-- (Shadb., 1856.)--

- SPATHULATUM, Shadb.-M.J.1353p.14-1f3; T.M.S.1353p.II-4f4; Petit Cat.  
 p.33; Hortm.Cey.p.54; M.T.P.2-1-9; Cl.Vega p.503; J.Q.C.1337p.42-  
 4f3; (Doryphora elegans; -Podocystis Americana.)---  
 " var., Grun.1333p.96-1f9; *Grevillea* Vol.1 p.78-1f1

### EUPLEURIA.----- (Arnott, 1858.)--

- INCURVATA, Arnott.-M.J.1353p.90;  
 (Achnanthes costata; -Entopyla Australis & i.: -Gephyria; )  
 MEDIA, Arnott.-M.T.P.3-1-2f; (Gephyria.)---  
 OCELLATA, Arn.-M.J.1353p.90; Prit.p.309-3f2; Grun.1333p.3;  
 R.E.D.p.303; Pet.Cat.p.15; (Entopyla.)---  
 PULCHRA, Arn.-M.J.1353p.39; Prit.p.309-3f3; Grun.1333p.3; R.E.D.p.  
 303; O.M.Kerg.; Pet.Cat.p.15; Sm.Sp.1.330; M.T.P.2-3-9; (Entopyla.)---  
 TELFAIRIA, Arn.-M.T.P.3-1-13; (Gephyriae.)

### EUPODISCUS.----- (Ehr., 1844.)--

- , Am.Nat.1373p.57f; -, Atlantic City;  
 AMERICANUS, E.-Abh.Ber.1344p.73; Det.Syll.p.1336;  
 (E. & Aulacodiscus argis.)---  
 ARCUS, E.-Breb.D.C.: Sp.R.D.I.10-1f3; M.J.1353p.73; Prit.p.309-3f2;  
 1f11, 12; M.C.pl.1913; N.H.B.p.27; M.C.1.1.73; 1913; 1913; 1913;  
 1.419; London Clay; C.1.1.10; Jan.Gaz.13-1f3; 13; 13; 13; 13;  
 3; M.T. 1-1-2; M.M.J.1371p.II, 1371p.110, 233, 233; Grun.1333p.3;  
 1371p.20; Lark Vol.1.1.10; Grun.Cey.1.1.10; Cl.1371p.3; 1371p.13;  
 Sp.1.132; Atlas 9117-11; Det. Prim.1.1.10; Jan.1.1.10; 1.1.10;  
 p.3; A.M.M.J.1333p.31; 1391p.1.2f33; V.4.S.p.209-II7f3-3; T.503; Woll.  
 11.73f1, 2, 4; Malacodiscus; 1353p.111; (Aulacodiscus; -E.1.1.10;  
 quaternarius & quinarius; -Tri.1.1.10; a. & G.1.1.10.) QJM.S.1860p.  
 BAILEYI, E.-Abh.Ber.1344p.31; W.S.A.p.135; 27 cum iconc;  
 (Aulacodiscus, Podiscus & E.Rogersii, v.)

*Ernestine Q. M. 1881*

- BARBADENSIS, Grev.-T.M.S. 1354p.33-12f4; -(Pseud-Auliscus Ralfsianus.)-  
 CALIΘORMICUS, Grun.-Atlas 39f20; V.4.S.11.113f3; J.R.M.S. 1333p.911;  
 wolle pl.73f7; Del.S.p.1033; (E. trilobatus, n.)  
 COMMUTATUS, Grun.-J.R.M.S. 1333p.916; (Coscinoauscus concinnus.)  
 CRASSUS, W.S., S.B.D. 1p.24-4f41; Breb.D.C.: Roger, Thames; Coll: Deol  
 Poluer p.16; (Actinocyellus albidus, G. & J. 1863, p.140.)--  
 CRUCIFER, Shadb.-T.M.S. 1354p.16-1f12;  
 (E. Petersii: Aulacodiscus e. erix & Petersii.)  
 CRUX, K.S.A.p.135; (Aulacodiscus.)  
 DECRESCENS, Rattr.-J.R.M.S. 1333p.911-14f9; Del.S.p.1032;  
 DEFORMIS, (Aulacodiscus.)  
 DEBYI, Grun.-Bot.Centr.No.15, p.33; (Isodiscus; -Lampriscus.)-  
 ECCENTRICUS, O'M.-M.J. 1367p.245-7f2; Deby Poluer p.16; Q.J.M.S. 1866p.140.  
 (Cosc. excentricus var. hyalinus.)  
 FULVUS, S.B.D. 1p.24-4f10; Breb.D.C.: Roger, Thames; Deby Poluer p.16;  
 Coll: Malaisia; J.R.M.S. 1333p.911; (Actinocyellus; -Auliscus.)-  
 GERMANICUS, E.-Abh.Ber. 1339p. -3f3; 1344p.81; K.S.A.p.133-1f3; W.S.A.  
 p.134; Prit. 1352pl.14f41; Jan.Gl.p. 1b,f3; R.E.D.p.35,f5; Eion, 1371;  
 (Aulacodiscus (& Tripodiscus) G. & argus; -E. argus.)  
 GREGORIANUS, Breb.-R.D.Ex.No.29; J.Q.C. 1370p.41; -(A'cyclis subtilis.)-  
 GREVILLEI, Ralfs.-Prit.p.933; J.R.M.S. 1333p.915; Del.Syll.p.1035;  
 (Aulacodiscus.) ----  
 HARDMANNIANUS, Grev.-T.M.S. 1356p.30-3f14; J.R.M.S. 1333p.913;  
 Del.Syll.p.1035;  
 INCONSPICUUS, Rattr.-J.R.M.S. 1333p.911; Del.Syll.p.1034;  
 INSOTUS, Cassi. 1337p.125-19f3; Notar. 1339p.773; Del.S.p.1032;  
 INTERPUNCTATUS, Brightw.-Grun. 1373p.54; A.J.M. 1373p.101;  
 (Cyclotella & Aulacodiscus maximus; -Coscinoauscus.)--  
 JONESIANUS, Grev.-T.M.S. 1352p.22-2f3; Cl. Java p.5; A.J.M. 1370p.149;  
 Sm.Sp.T.No.163; Malaisia; (Coscinoauscus concinnus & tenuis.)--  
 ' var., Cl. & M.No.4:  
 MINUTUS, Hantzsch, 1363p.21-6f9; Petit Cat.p.33; -(A'cyclis moniliformis)  
 MINUTUS, Grev.-T.M.S. 1355p.5-11f3; J.R.M.S. 1333p.911; Del.S.p.1032;  
 MONSTRUOSUS, E.-Abh.Ber. 1344p.81; K.S.A.p.134; Prit.p.343; R.E.D.  
 p.320; (Aulacodiscus, n., & Tetradiscus, n., 1863.) ----  
 NEBULOSUS, Fortm.-J.R.M.S. 1333p.912; Del.S.p.1033; -(Pseud-auliscus.)--  
 OAMARUENSIS, Grun.-Bot.Cblt. 1387p.133; (Debya; -Rattrayella.) ----  
 OBSCURUS, Grev.-T.M.S. 1352p.90-9f4; (Pseud-auliscus Petiti.)--  
 OCULATUS, Grev.-T.M.S. 1352p.90-9f3; Atlas 11/19; wolle pl.73f5;  
 J.R.M.S. 1333p.910; Del.Syll.p.1034;  
 OVALIS, Norman.-T.M.S. 1351p.3-11f3; K.S. 1373p.30; (Actinocyellus.)-  
 PARVULUS, Grev.-J.R.M.S. 1333p.912-14f3; Del.Syll.p.1031;  
 ' v. concentrica, Rattr.-J.R.M.S. 1333p.912-14f7; Del.S.p.1031;  
 PERUVIANUS, Witton.-Prit.p.933; (Auliscus; -Pseud-auliscus.)-  
 PETERSII, K.S.A.p.135; (Aulacodiscus; -E. crucifer.)--  
 PUNCTATUS, Bailey Coll.: Del.Syll.p.1037;  
 PUNCTULATUS, Grev.-T.M.S. 1353p.73-4f10; R.E.D.p.35; Del.S.p.1032;  
 J.R.M.S. 1333p.912;

Eusynedra.

Subgenus: H. V. H., 1885. - 3

Gray. 1862 p. 384

Det. Dr. Sacc. 1890 p. 105. -



- QUATERNARIUS, E.-Abh.Ber.1844p.81; W.S.A.p.134; R.E.D.p.35:  
(Aulacodiscus argus; -E. & Tetrapodiscus Germanicus & argus.)
- QUINARIUS, E.-Abh.B.1844p.81; W.S.A.p.135;  
(Aulacodiscus, E., & Pentapodiscus argus.)---
- RADIATUS, S.B.D.Ip.24-30f255-Cerataulus Smithii:--Bailey M.O.p.39:  
M.J.1860p.95-5f10: Prit.p.843; N. & R.S.p.69; Roper, Thames; Flögel,  
Baltic; Grun.1863p.25; Sm.Sp.T.164; A.M.M.J.1873p.32; Cl.1877p.17;  
V.H.S.pl.113f1,2; T.No.509; M.T.P.4-4-3; Mobile; T.B.C.Vol.16p.209;  
Wolle pl.73f3, II; Det.Syll.p.1034;  
(Aulacodiscus; -Biddulphia hemitropa & r.: -Pseud-auliscus.)-  
" v. antiqua, W. & S.-T.B.C.Vol.16p.209; Wolle pl.77f3;  
" v. humilis, Rattr.-J.R.M.S.1833p.913; Det.S.p.1034;
- RALFSII, Breb.D.C.p.13; S.B.D.2p.33; Hall; N. & R.S.p.65; R.E.D.p.  
320; Deby Polder p.16: (Actinocyclus.)  
" var. "b", Greg.-M.J.1855p.38-4f11; S.B.D.2p.103;
- ROGERSII, E.-Abh.Ber.1844p.81; W.S.A.p.135; Prit.p.843; Atlas 92f  
2-3; Atlantic City; B.S.B.1873p.32; 1879p.6; Wolle pls.73f3;  
111f17; (Aulacodiscus; -E. Baileyi; -Podiscus.)
- ROPERI, Breb.-Rabh.D.Ex.No.30; R.Alg.E.No.2005; J.Q.C.1870p.41:  
(Actinocyclus r. & ovalis; -Coscino. ovalis.)-
- SCABER, Grev.-T.M.S.1864p.7-10f1; (Aulacodiscus; -Cerataulus.)---
- " v. heliodiscus, Brun, 1891p.27-17f1:
- SCULPTUS, S.B.D.Ip.25-4f42; M.D.pl.12f3; Hall: Roper, Thames;  
N. & R.S.p.70: (Aulacodiscus; -Auliscus.)
- SIMPLEX, Grev.-T.M.S.1863p.73-4f20; R.E.D.p.35; Det.S.p.1033;  
J.R.M.S.1833p.910;
- SIMBIRSKIANUS, Grun.-Bot.Cblt.1837p.133:  
(Rattrayella; -Debya Oamaruensis.)-
- SPARSUS, Greg.-M.J.1857p.81-1f47; B.S.B.1873p.30; 1879p.6;  
(Actinocyclus Ralfsii, var., & sparsus.)-
- SPARSUS, Cronan.-Alg.Gaudoilp.p.9: Det.Syll.p.1426: ?
- SUBTILIS, E.-Abh.Ber.1855p.302; Det.S.p.1036; --Greg.D.C.p.29-3f50;  
Breb.D.C.p.13; Rab.Alg.2001: J.Q.C.1870p.41; Malaisia: -(A'cyclus.)---
- TENELLUS, Breb.D.C.p.25-1f9; M.J.1861p.7-1f16; Petit Cat.p.33;  
J.R.M.S.1833p.914: (A'cyclus.)----
- TESSELLATUS, Roper.-M.J.1853p.19-3f1; Hall: -(A'cyclus.; -Roperia.)-
- TRIOCULATUS, Grev.-T.M.S.1864p.33-12f3; J.R.M.S.1833p.910:  
Det.Syll.p.1032: (E. Californicus.)--
- TRIPES, Johnston.-A.J.S.1852p.33: Det.S.p.1035: -(Cosc. radiatus.)-
- VELATUS, Grun.-M.T.P.4-4-1: (Biddulphia; -E. radiatus, w.S.)
- WEISSLOGII, Grun.-V.A.T.85.II 216; Det.Syll.p.1037: -(Micropodiscus.)
- EXCENTRON.----- (Ralfs, 1866.)-
- CANCROIDES, Ralfs in litt.: Prit.p.837:  
(Asterolampra, Asteromphalus & Spatangidium arachne.)-
- EXILARIA.----- (Grev., 1827.)-
- ARCUS, Breb.---? (Synchaeta arcus, "b.")---

7 *Circularis, Ured. sp. (Merid. circ.)* , 44:

+ *Fasciculata*, : K. Alg. 74. ✓  
Ured. S. T. sp. b. 27.

- CAPITATA, Hassall Alg.p.433-97f1: (Synedra.)-  
 CRYSTALLINA, K.Syn.p.33,f41; K.Alg.No.45; Breb.Alg.Fal.14.46f3:  
 Lagr.1334p.52: (Diatoma; -Synedra biceps & ilna.)--  
 CURVATA, K.Alg.No.112; Lagr.1334p.40: (Eunotia; -Syn. lunaris.)---  
 FASCICULATA, K.Syn.p.33,f40; K.Alg.No.74; Hass.Alg.p.434-97f10; Lagr.  
 1334p.51:-(Diatoma f. & parasiticum: -Syn. affinis, var., Superba & f.)---  
 FLABELLATA, Grev.-Scottish Flora Vol.5p7239: K.Syn.p.37:  
 (Licmophora flab., Ag.)--  
 FLABELLUM, E.-Abh.Ber.1330p.32; 1331p.33: (Meridion circulare.)-  
 FLEXA, Breb.-K.S.A.p.3: (Eunotia & Himantidium biceps.)  
 FULGENS, Grev.-Scott.Fl.Vol.5,p7291:  
 (Diatoma crystallinum; -Licmophora; -Synedra.)  
 GLOMERATA, Breb.-K.B.p.69:  
 LUNARIS, Grev.-Flora Tind.1831; Hass.Alg.p.434-97f11: (Synedra.)  
 LICMOIDEA, Breb.Cons.p.15; K.B.p.69:  
 MINUTISSIMA, Berkeley.-Clearing 3101st Al. p.27-711: (Syn. Alg.)  
 Palaise p. : (Gomphonema olivacea.)---  
 MONATA, ~~Silvestri~~ in 1831; K.S.A.p.47: (Syn. fasciculata.)  
 PANDURIFORMIS, E.-Beitrag 1331p.32: (Meridion.)--  
 PULCHELLA, Ralfs.-K.B.p.63: (Synedra.)-  
 RUBIGINEA, Breb.Alg.Fal.p.47,f3; (Gomphonema curvatum.)---  
 TABULATA, K.Syn.p.35: (Diatoma.)  
 TENUISSIMA, Breb. [K.S.A. ~~1831~~ as Syn.] (Synedra.)  
 TRUNCATA, K.Syn.p.33,f30; Breb.Alg.Fal.14.46f3; Scott. Fl. 1834:  
 (Gomphonema gracile; -Syn. fasciculata & ilna: Diatoma parasiticum)  
 ULNA, Hassall Alg.p.433-97f12: (Synedra.)  
 VARIIGATA, K.Syn.p.54: (Diatoma.)  
 VAUCERIAE, K.Syn.p.32f33; K.Alg.No.24; Breb.Alg.Fal.14.46f3;  
 Lagr.1334p.40,f3: (Synedra fasciculata & V.)  
 VIRIDESCENS, Breb.Alg.Fal.14.46f1,2: (Syn. Gomphonema.)-

## FALCATELLA.---- [Rabh., 1853.]

- AUERSWALDII, Rabh. Kryptog. Flora p.40; Det. Syll.p.200: Prollis  
 p.51: (Navicula incliva.)  
 BIASOLETTIANA, Rabh. Krypt. Fl. p.40; Det. S. p.200:-(Achmanthes.)---  
 DELICATULA, Rabh. S.D. p.43-714; Det. S. p.200:-(Achmanthes & Achmanthes.)  
 LUNATA, Rabh. S.D. p.43-714; Det. S. p.200: (Synedra falcata.)  
 NEAPOLITANA, Rabh. S.D. p.43-714; Det. S. p.200:-(Navicula; -Synedra.)  
 ROMANA, Rabh. S.D. p.43-714; Det. S. p.200: (Navicula; -Synedra.)  
 ZILLERI, Rabh. Krypt. Fl. p.40; Det. S. p.200:-(Synedra.)

## FENESTRELLA.--- [Grev., 1863.]

- , Rabh. E.D. p.35:  
 BARBADENSIS, Grev.-T.M.S. 1333p.3-4f3; J.R.M.S. 1333.9f3; Det. S. p.1037:  
 CONVEXA, Brun, 1391p.27-19f7; Det. Syll. p.1033:  
 GLORIOSA, Brun, 1391p.27-19f3; Det. Syll. p.1033:

## FIBULA.----- [W.Sm., 1897.]

- Vide W.Sm., in Brit. Museum Cat. 1359p.33; M.J. 1331.13:-(Peronia.)-----

> --, J. L. S. vol. 2/p. 245.

> baculus, Oestrup, 1897 p. 338-2 f 7, 20: }





invalidior. Pant. 5 pl. 15 f. 264, 265.

*Capricornia*, Des. - *Asmon. H.* vol. 12, pl. 2 f. 4. *Hus. alg.* pl. 95 f. 6.

BINALIS, E.-Mik. pl. 1-3f9; 14f52; Italy: Prit. p. 777:

(Navicula; -Tabellaria.)-

BINOUIS, E.-Abh. Ber. 1341 p. 415; Amer. p. 127; Mg. pl. 5-2f25a, b; 3-1f43; 1ff15; 13-2f33; Prit. p. 777; Carr. p. 39; Woll. pl. 47f3; 121b. p. 144;

(Navicula; -B. constricta, constricta & undata; -Odontidium parasiticum & tabellaria.)---

\* var. "b", w. Sm.-Prit. p. 777: -(Odont. binouis, " ".)--

\* v. obliqua, Her. & Ber. - Herib. p. 144: -

BIPUNCTATA, E., Inf. p. -1311; Carr. p. 1023; Woll. p. 1023-1024

(Diatom, Navicula);

(B. capitata.)

BIROSTRIS, E.-Abh. Ber. 1344 p. 342; Mg. pl. 33A-2a, f3; V.S.A. p. 15;

Det. S. p. 391;

(Camerogramma.)---

BIPUNCTATA, Part. 2 p. 65; Det. Syll. p. 335:

\* v. circata, Part. 2 p. 65-13f225; Det. S. p. 335;

\* v. elongata, Part. 2 p. 65-13f231, 233, 235; Det. S. p. 335;

\* v. perlonga, Part. 2 p. 65-10f171; Det. S. p. 335;

\* v. minor, Part. 2 p. 65-7f129; Det. S. p. 335:

BIVITTATA, Part. 3 p. 4-4f37;

BREVIS, Montagne.-Guyan. p. 375; Sylloge p. 474; Det. S. p. 334:

BREVISTRIATA, Grun.-V. d. S. p. 157; Part. 3 p. -7f157; Det. S. p. 390:

Herib. p. 143:

(B. acuta; -Stenoseira.)

\* v. emeata, Grun.-Detoni, Syll. p. 390:

\* v. fossilis, Part. 2 p. 66-7f127; 13f224; 15f232; Det. S. p. 390:

\* v. bayonica, Gr. - 1211 p. 145;

\* v. Mormonum, Grun.-V. d. S. pl. 45f31; Woll. 47f15; Herib. p. 147;

\* v. pectata, Grun.-V. d. S. pl. 45f32; 1211 p. 145;

\* v. subacuta, Grun.-V. d. S. pl. 45f32; Herib. p. 147; -*Farula* sp.

\* v. subcapitata, Grun.-V. d. S. pl. 45f33; 1. 315; Herib. p. 147;

CALIFORNICA, Grun.-V. d. S. pl. 44f13; Cl. & M. No. 273; Woll. pl. 47f22;

Det. S. p. 393:

(B. striatula, v.: -Trachysphaera.)-

CAPENSIS, Grun. 1333 p. 143-145; 1333 p. 2: R.E.D. p. 121; Det. S. p. 335;

V. d. S. p. 1.44f19:

CAPITATA, E.-Mik. pl. 35A-12f2; Abh. Ber. 1353 p. 527:

(Diatoma anceps; -B. 13f205; -B. 13f205; -Odontidium & diatomocapsula.)

CAPUCINA, Desmazieres, I, No. 453; Westendorp, C.: Marissal; V. d. S. p. 4-

1310; V. d. S. p. 11; R.E.D. p. 100-111; Det. S. p. 335; R.E.D. 182. 73; S. p. 21. 22-35f296; Mull; Wartmann & Sch. No. 127; Prit. p. 773-9f173-175; 14f

1, 2; Neupauer p. 139-1f4; Grun. 1332 p. 372-7f11; M. D. pl. 12f33; 111; R.

D. ex. No. 31; weisse 1334 p. 360-4f22; New Zealand; Roper, 11ares; R.E.D.

p. 116; Schum. H. J. p. 42, 35; Arenig Bach; O.V. Kerr.; I. D. p. 232; Kirch.

Alf. Schlies. p. 203; W. & Z. p. 15-1f15; Prollius p. 75; Macdonald p. 10f

5; Kinnora; Smit. Sp. J. No. 105; Nyland, w.: M. J. P. I-3-20; Brin Alp p.

120-4f1; Italy: Ebert, Cassel; Tararek 1379 p. 53, f35; Malaisia; V. d. S.

p. 156-45f2; Hoffmann, Marburg; Bellot, Lichon; Woll. pl. 47f1-3; Spamer,

Diren; Lake Michigan; Cl. 1391 p. 33; Delogne; Det. Syll. p. 333; Schoss,

Kleiken; Herib. p. 142; A.M.M. 1391 p. 1f21;

(Stauronem -

var. major, W.S. 3- (3-5-10)

Constricta, Ng. pl. 39-3+56.

constr. s. E.

" v. bigibba, a. Ol. 1895 p. 35+1 f 28.





→ Harrisonii, Oestrup 1897 p. 338:



+ *intermedia*, a. cl. 1895 p. 36.

+ *exponica*, Gr. -

" v. *minuta*<sup>+</sup> a. cl. 1895 p. 36-1 f 40: 7. 11. 1902



- forma medius, R.E.D.p.120:-(Dimerogramma & Odontidium inform.)
- minima, R.E.D.p.120: (Odontid. Salisburghense.)
- minor, Rab.E.D.p.120: (Staurisira pinnata.)-
- var."a" gemina, Grun.1362p.363:
- var."b" rhomboides, Grun.1362p.363:-(Formae minor & Odontid., var."b".)
- var."g" dubia, Grun.1362p.363-7f3: Schum.1364p.17-2f6; Stross, Vleiken:
- HIMALAYAE, E., Mik.p.193; Prit.1.777: R.E.D.p.121; Del.Syll.1.391;
- HUNGARICA, Pantoc.3p. -3f123;
- HYALINA, Grun.1362p.374; V.H.S.p.155-44f14,15; T.No.309; Malaisia;
- Del.S.p.332: Herib.p.143:-(Diatomosira; -E. tenerima; -Ralfsia.)--
- var.majior, Grun.1362p.274: (Diatoma hy.)
- v.minor, Grun.1362p.374: (Diatoma vitreum.)--
- v.vitrea, K.-Del.S.p.333: (Diatoma; -Diatomosira; -Erag.)--
- v.rubra, Rab. -Del.Syll.1.363: (Diatoma, frag., & Ralfsia.)
- IMMALIS, Lymb. Hyar. Tent.p.138, pl.331 "E": Ap. Sytop.1.53; Conf.1.2;
- Linnae 1333p.72: Flora Danm.pl.1957f1; Hass. Alg.p.414-93f5; A.M.N.A.
- Vol.1p. -2f3; Hn. pl.7-32, f22; 3-III1: ~~Ap. Sytop.1.53~~;
- (Bacillaria Hungarica; -Diatoma; -Odontidium h. & mesodon.)--
- IMMALIS, Rab. Del. Gallio.: -~~Erag. p.32~~: (Diatoma Salisburghense.)
- INFLEXA, E., Abh. Ber.1339p.49pl.1c, f3: Woll. pl.5f21: Del.S.p.392:
- INFORMIS, A.S.-A.M.I.1337p.19-1112: (Dimerogramma; -Dimerogramma.)--
- INTERMEDIA, Grun.-V.H.S.pl.45f9-II; T.314; Herib.p.143: (Staurisira.)
- ISCHABOENSIS, Grun.-V.H.S.pl.36f17; Del.Syll.p.395:
- ISLANDICA, Grun.-V.H.S.pl.45f37; Cl.Nares; Vega p.434; Cl-18;
- v.hyperborea, Cleve Vega p.434;
- JAPONICA, Pant.3p. -3f101:
- JURGENSE, K.Syn.p.59: (Grammatophora.)--
- KAVNENSIS, Pant.-Del.Syll.p.391: (Grammatophora.)
- KOCHII, Pant.3p. -13f235;
- LAEVIS, E.-Amer.p.127; Mg.pl.13f71; K.B.p.43; K.S.A.p.15; Prit.1.
- 777: R.E.D.p.121; Del.S.p.391:
- LAMELLA, E.-Mik.p.11; Prit.1.777: Del.Syll.p.392:
- LANCEOLATA, Schum.1337p.52-114; V.H.S.pl.45f10: Del.S.p.397;
- LAPPONICA, Grun.-V.H.S.pl.45f35; Kinnora; Del.S.p.393;
- (E. brevistriata, & mitaculis, var.) - ~~Del.Syll.p.391~~;
- LATRUNCULARIA, Lymb. Hyar. Tent.p.132, pl.62:
- (Diatoma; -Grammatophora marina.)--
- LEGUMEN, E.-Mik.pl.12f34; Del.Syll.p.392;
- LEPTOCEPHALA, E.-Abh. Ber.1333p.527; Mg.pl.35A-12f3;
- (Diatoma anceps; -E. & Odontid. capitatum.)----
- LEPTOCERAS, E.-Abh. Ber.1344p.32; Mg.pl.13f73; Del.S.p.392:
- (Dimerogramma; -Odontidium.)--
- LINEARIS, Cast.1337p.53-19f9; Notar.1339p.636; Del.S.p.337:
- LINEATA, Lymb. Hyar. Tent.p.134, pl.63; Morren,1323;
- (Conferva; -Melosira Borreri, l., & variants.)
- MAXIMA, O.M.I.D.p.233-27f16; Del.S.p.337:
- MESODON, E.-Mik.1331p.132pl.119; V.H.S. -1117, b; 11113;
- 34-12f1a, b: (Diatoma & E. hyemalis; -Odontidium.)

+ minutissimus, Gr. - 1819-12

mutabilis, (Stammosia) Brun alps p. 119-4f8

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MESOGONGYLA, E.-Abh.Ber.I353p.333,f43; Prit.p.777: R.E.D.p.I2I:

Det.Syll.p.393;

MESOLAPPA, Tab.Alg.Sachs.No.I41I; R.E.D.p.II9; Det.Syll.p.393;

Eul.Sp.T.43; O'M.I.D.p.234; Sm.Sp.T.I67; A.S.M.I336p. -IfI;

(F.caespitosa, var., &amp; caespitosa.)---

MESOTICA, E.-Abh.B.I347p.434; Prit.p.777: R.E.D.p.I2I: Det.Syll.p.393;

MEXICANA, E.-DeToni, Syll.p.393:

(Stauroneis.)--

MICROCEPHALA, Part.2p.35-I3422; Det.Syll.p.393:-(Achnanthes.)---

MINIMA, Grun.I362p.374; Eul.Sp.T.No.44:

(Diatoma.)

MINOR, Part.2p.35-7fI29;

MINUTA, Part.2p.35-4f30: Det.Syll.p.393:

(F.Laponica, v.)--

- MINUTISSIMA, Grun.-V.A.S.pl.45fI4; Det.Syll.p.390:

(F.mitacilis.)---

MORMONORUM, Grun.-Det.Syll.p.39I:

(Stauroneis.)

MULTIPUNCTATA, E.-Inf.p.205-I5fI5:

(F.caespitosa.)

MUTABILIS, W.Sm.-Grun.I362p.369; Rabh.D.Ex.No.32; R.Alg.E.No.I025 sup;

R.E.D.p.II3,f32(2); Schum.m.T.p.55; Italy: Eiber, I37I; Lanzi, Tor.;

Stose, Kleiken; V.A.S.p.I57-45fI2; T.3I5; Bellec, Lachon: Cl.I39I.p.33:

Lake Michigan; Delogne; Wolle pl.47fI3, I9; (Frag.elliptica, inter-

media, Laponica, minutissima, pinnata; -Odon.t.m., pinnatum, striolatum;

v. cuneata, Grun.-Herib.p.I45: *N.H.S.*---

(Scaptoneis marina.)

v. diatomacea, Grun.I362p.369; R.E.D.p.II9:

v. intercedens, Grun.-V.A.S.pl.45fI3:

v. intermedia, Grun.I362p.369-7f9; R.E.D.p.II9:

(F. &amp; Stauroneis.)

v. subsolitaria, Grun.I362p.369:

v. NAVICULARIS, Grun.I362p.369-I362p.374; Det.Syll.p.393: *Greville, l.p.*

NAVICULA, E.-Amer.p.I27pl.I-3f3; K.B.p.43-29f33; V.S.A.p.I5; Det.

Syll.p.39I:

(Diadesmis; -Pleurosigma affinis.)---

NEWBERRYI, E.-Abh.B.I370p.56, pl.3-IfI2; Wolle 5f20; Det.Syll.p.397:

NITZSCHIOIDES, Grun.-V.A.S.pl.44fI0; Det.Syll.p.394; Herib.p.I49;

v. Brasiliensis, Grun.-V.A.S.pl.44fII; Herib.p.I49;

NONIOSA, E.-Abh.Ber.I34I.p.237: *M.K. p.17:*

(Achnanthes.)

NORTHUMBRIA, Grun.-V.A.S.pl.44fI7; Det.Syll.p.393;

NORTHUMBRIA, Grun.-V.A.S.pl.44fI7; Det.Syll.p.393: (Achnanthes.)---

OCEANICA, Cl.I373p.22-4f25; Nares; Vega p.433; Det.Syll.p.395:

Grun.I364p.55-2fI4a, b: Cl.1897p.23:

(F.arctica.)

OXYPTERA, E.-Mik.I353p.70; Det.Syll.p.392:

OXYRRHAMBUS, E.-Abh.Ber.I353p.333,f44; Prit.p.777: R.E.D.p.I2I;

Det.Syll.p.393;

PACIFICA, Grun.I362p.373-3fI9; I362p.I43-I4f3; I362p.3: R.E.D.p.I2I;

Dannf.p.45; Petit Tab.B.p.3-3f2; Cl.I373p.7I; Vega p.50I; Fort. Cay.

p.50; V.A.S.pl.44f20-22; Wolle pl.47f20-25;

(Ophiura.)---

Herib.p.I47;

v. trifora, Brun &amp; H.-Herib.p.I47-If3;

PARADOXA, E.-Abh.Ber.I34I.p.I43; Mik.pls.33-I4fI0; 33-I5fI3;

Wolle pl.47fI3, I7:

(F. &amp; Odonitidm Cretas.)

PATAGONICA, Cl.-Det.Syll.p.390:

(Stauroneis.)

PARASTICA, W.S.-V.A.S.pl.45f30; T.3I7; Wolle pl.47fI0; Dannf.p.I49;

(Synonym: Parastica)

lectinialis, - (Conf. clandestina; - C. lucens Gattenuata: -

2. lucens a v. secretissima, etc. L.D. 2. 49. 12 p 77-514

secretissima, (i. Mumb.) 51. 12 p. 103:





Alata, very Alg. Ex. Dec. 1822.

- SCHWARTZII, Grun. I333p. I43-I47; I333p.3: Italy; Cl. & M. I33; Vera p. 501; V.H.S. pl. 44f24: (Opophora; -Sceptroscis marina.)
- SEMINULUM, E. -Abh. Ber. I343p. 5; Del. Syll. p. 392: *Mik. p.* ;
- SEMINUDA, E. ; Prit. p. 777: Del. S. p. 393;
- SEPPES, E. -Mik. pl. 37-If3: (F. capucina.)
- SEPULTA, Pant. 3p. -27f399;
- SMITHIANA, Grun. -V.H.S. pl. 45fI; T. No. 3II; Del. S. p. 394; (F. capucina; -Staurosira.) ----
- SPECTIOSA, Grun. I332p. 336; Del. S. p. 390: (Odontidium.)
- STAUROIDEA, Schum. I334p. I7-2If; Del. S. p. 337;
- STRIATA, E. -Beitrag I33Ip. 33; Amer. p. I27pl. I-3f9: (Diatoma & Odontid. hyemale; -F. striolata.)
- STRIATULA, Lyngh. Hyar. Tent. p. I83pl. 33f"A": Linnea I333p. 73: K. Syn. p. 53; Breb. D.C.: S.B.D. 2p. 23-33f293; Cl. I337p. 333; I338p. 2I9: Mull. O'M. I.D. p. 233; Del. I373p. I7; S. S. p. 4. No. I33; V.H.S. pl. 44f12: I338p. I49; (F. aurea, Californica, diatomoides; -Nematoplatea argentea.) -- Grammatonema s. & Jurgensii; -Grammonema s., var.) --
- STRIOLATA, E. -Kreid. I333p. I29; Meteorp. pl. 2fII; Amer. pl. I-3f9; M. pls. I912c, 24; 2If29a-c; 22f37; 23f33; Abh. B. I337p. I. I, II; I339p. I. I-III; (F. intermedia, pinnata, striata; -Odontidium s. & nitabile.) -
- STYLIDUM, E. -Abh. B. I342p. 235; Prit. p. 777: R.E.D. p. I2I; Del. S. p. 393;
- STYLUS, E. -Abh. Ber. I342p. 235; Prit. p. 777: R.E.D. p. I2I; Del. S. p. 393;
- SURFURATA, E. -Mik. pl. 39-3f54: (Diatoma striata; -Stylidium.)
- Swartzii, Grun. I333p. I43-147*
- SYNEURA, E. -Mik. pl. 39-3f30, 6I; Prit. p. 777: R.E.D. p. I2I; Del. S. p. 392;
- SYRIACA, E. -Abh. Ber. I340p. I6: (Odontid.)
- TABELLARIA, O'M. -DeToni, Syll. p. 334: (Ralfsia.)
- TABELLARIA, Cleve I333p. 2I9: (Odontid.)
- TAENIA, E. -Abh. B. I343p. 277; Prit. p. 777: R.E.D. p. I2I; Del. S. p. 394;
- TENERRIMA, Hib. p. 33; Cl. I333p. 220; (Diatoma hyalinum & vitreum.)
- TENUICOLLIS, Heib. p. 32-5fI3; R.E.D. p. II9; M.T.P. I-3-I3: O'M. I.D. p. 233; Del. S. p. 335;
- TENUIS, Ag. Cons. p. 33; K. Syn. p. 53; Heib. p. 33: (F. capucina.) --
- TESSERA, E. -Mik. pl. 20-2f29; Prit. p. 777: R.E.D. p. I2I; Del. S. p. 391;
- THERMALIS, E. -Mik. pl. I33; Prit. p. 777: R.E.D. p. I2I; Del. S. p. 391;
- TRACHEA, E. -Amer. p. 33; Mik. pl. I2; Prit. p. 777: R.E.D. p. I2I; Del. Syll. p. 394; (Gaillonella sulcata.) -
- TRANSYLVANICA, Pant. 3p. -2If3I7; 27f400;
- TRICARINATA, E. -Del. Syll. p. 393: (Staurosira.)
- TRIGONGYLA, E. -DeToni, Syll. p. 392: (Staurosira.) -
- TRINODIS, Bailey. -A.J.S. I342p. I03; Mik. pls. I6-2f37a, b; I6-3f2a; I7-IfI3a, b; Del. S. p. 392;
- TURGENS, E. -Abh. Ber. I343p. I70pl. 2; I340p. I6; I339pls. Ia, f4; Ic, f3; I370pl. 2-If52; M. pls. I-3f33a-c; 7-If3; 3-IfII; I2ffa-a: I3-2f29a, b; 35A-22fII: R.E.D. p. I2I; wolle pl. 47fII: (F. catena.) --

+ urudata,

" f. stricta - a. c. 1895,

" f. tetranotus - a. c. 1897

+ virescens,

" var. exigua, Tolsta p. 437

" " oblongella, forma clavata, V.H.S. pl. 44f4:



TURGIDULA, E. - Inf. p. 204-15f15; Abh. B. 1359 pl. 1c, f15;

(*Odontidium hyemale*, mutabile & t.) ----

UNDATA, S.B.D. 2p. 24-60f377; A.M.N.H. 1355p. 9-1f7; Schum. 1337p. 51; R.  
E.D.p. 120; O'M. I.D. 1. 234; Cl. & M. 132; S. S. 1. 331; Kinnord; Cl. 1331  
p. 7; 139Ip. 33; V.H.S. pl. 44f9; Herib. p. 149; *a. cl. 1895p. 35*;

(*H. binodis*, *constricta*, & *virescens*, var.) ---

var. "b" *pendulaeformis*, S.B.D. 2p. 24-60f377b; R.E.D.p. 120; Herib.  
p. 149; (*Odontid. tabellaria*, sporangial, Gr. .)

UNDULATA, Cramer, Heuw. Vol. 2p. 65-12f7; Prit. p. 777; R. Alg. 144I sub;  
R.E.D.p. 120; Malaisie; Del. S. p. 694;

UNGARIANA, Grun. 1363p. 142-13f13; Heuw. Vol. 9p. 63; R.E.D.p. 119; J.L.S.

1334p. 514-43f4, 5; M.T.P. I-4-I; Del. S. p. 639; (*Staurosira*.)

" v. *Abyssinica*, Grun. - Bogos. p. 152; Notar. 1386p. 194; Del. S. p. 639;

UNIPUNCTATA, Lyngb. Hydr. Tent. p. 133 pl. 62f "C": (*Diatoma*; -*Striatella*.) --

VALIDIOR, Pant. 2p. 66-15f264, 265;

VENTER, E. - Mik. pls. 3-1f12; 9-1f6a, b, 7; 11f14; 13-1f4; 33A-14f3, 4a, b; 14f50.

Abh. B. 1339 pls. 1a, 1b; 1c, 1d; 1"j" f13; Prit. p. 777; R.E.D.p. 121;

Grun. 1362p. 371-7f10; Italy: Wollé pl. 5f19; L. . . . .

(*H. gibba* & *constricta*; -*Odontidium parasiticum*.) --

" v. *fossilis*, Pant. - DeToni, Syll. p. 691; (*Staurosira*.)

VENTRALIS, E. - Mik. p. 39; Prit. p. 777; R.E.D.p. 121; Del. S. p. 692;

VENTRICOSA, E. - Mik. p. 201; Prit. p. 777; Del. S. p. 692;

VENTRICULUS, E. - Amer. pl. I-1f20; (*H. diophthalma* 3-

VIRESCENS, Ralfs. - A.M.N.H. 1343p. 110-2f6; Williamson p. 13-1f12; K.B. p.

46-16f4; K.S.A. p. 14; R.S.D. p. 33-1f1; Rab. Alg. Nos. 35, 549, 149I sub; R.

Bac. Exs. No. I; Braemar; S.B.D. 2p. 22-35f297; Westendorp No. 800; Desm.

I, No. 1452; 2, No. 1052; Mathieu; Prit. p. 777-9f176; Grun. 1362p. 373-7f15;

Herib. p. 60; Schum. H. 1. pp. 42, 55; Eul. Sp. 1. 42; Carr. p. 30; Roper, Thames;

R.E.D.p. 119, f32(I); Girard Foss. p. 12-2f4; Cl. 1337p. 363; 1333p. 219;

1331p. 7; 139Ip. 63; Italy: Hull; Nylander, W.: Manoury 1370pl. 2f9, 10;

Prollius p. 74; Kinnord; O'M. Kerg.: I.D. p. 232; Gallia, Pagan; Delogne;

Petit & Leud.; liste p. 25; Lake Michigan; Borscow pl. 1f6; M.T.P. I-3-

19; Belloc, Luchon; V.H.S. p. 155-44f1; T. No. 310; Ebert, Cassel; Petit,

1333; Brun Alp. p. 121-4f12; Hoffmann, Marburg; Wollé pl. 47f4-7; Spamer,

Duren; Del. S. p. 681; Herib. p. 147; *J. 2. C. 1870p. 41 - a. cl. 1895p. 35*;

(*Diatoma* & *H. pectinale*; -*Diatoma tenue* & var. <sup>pect.</sup> & *silphulascens*; -*Frag. pect.*

*aequalis*, *confervoides*, *constricta*, *hyemalis*; -*Staurosira aequalis*; -

" forma *elongata*, Perag. & H. - Herib. p. 143;

" var. "b" S.B.D. 2p. 22-35f297b;

" v. *diatomacea*, Grun. 1362p. 334; (*H. undata*.)

" v. *eunotiaeformis*, Grun. - Cl. 1331p. 7;

" v. *exigua*, Grun. - Cl. 1331p. 7; Belloc, Luchon; Kinnord; V. I. S. 1. 1412, 3;

Perag. p. 72; Cl. 1391p. 63; Del. S. p. 632; Herib. p. 143; (*Frag. ex.*) --

" v. *inaequidentata*, Lagr. - Del. Syll. p. 632; (*H. aequalis*, v.) --

" v. *oblongella*, Grun. - V.H.S. pl. 44f4, 5; Malaisie;

" v. *producta*, Lagr. - Del. Syll. p. 632; *a. cl. 1895p. 35*; (*H. aequalis*, v.)

" v. *subsalina*, Grun. - V.H.S. pl. 44f5;

" v. *undata*, Grun. 1362p. 373; (*H. undata*, "b" & "c").

" v. *ventricosa*, Perag. & H. - Herib. p. 143;

+ interposita, Oestrup 1897 p. 314-2 f 2:

linearis, Ag. - (NH.S. 67 f 13-15) = Antyechia -

## FRUSTULA. - - - - -

- FULVA, K.Synop.p.13-1f3; Breb.in Herbario Binder.: (Cymbella gastrica)  
Cocconeis cistula; -Navicula microstoma; -Stauroneis microstoma. ---  
GASTROIDES, K.Synop.p.15-1f9: (Cocconeis cymbiformis; -Cymbella.)-  
GEMINATA, K.Synop.p.13: (Navicula.)  
GRACILIS, Jenner Flora Tunbridge Wells; E.Mik.p.53: (Pinnularia.)  
HAECKERIANA, Rabh.S.D.p.50-10f14; Prit.p.924; (Cymbella.)  
HYALINA, Ag.-K.Synop.p.9: (Cymbella.)  
INCOMPERTA, Lewis.-De Toni, Syll.p.273: -(H.interposita, v.: -Navicula.)  
INCRASSATA, K.Synop.p.17-1f17: (Epithemia & Navic. gibba.)-  
INFILATA, K.Synop.p.17-1f14: (Cocconeis gibba; -Navic. follis & i.)-  
INFLEXA, Breb.Cons.p.13: (Nav. curvula.)  
INTERPOSITA, Lewis.-De Toni, Syll.p.273; Cl.Nav.p.123: -(Nav. i. & Marstonii  
" v.incompta, Lewis.-Cl.Nav.p.123: (Nav. i. & Marstonii.)  
" v.Julieni, Br.& Her.-Cl.Nav.p.123: (Nav. Jul.)-  
" v.Labuensis, Cleve Nav.p.123: (Nav. L. & O'Mearii.)  
JURGENSEI, Ag.Cons.p.41: (Cocconeis Jurgensei) (Cocconeis Jurgensei)  
Epithemia & Emodia turpida; -H. picta; -Synedra ulna; )  
KUTZINGIANA, Rabh.S.D.p.50-7f12; Prit.p.924; (Synedra ulna.)-  
LAEVISSIMA, ; Gallik, Papen;  
LANCULATA, Ag.-K.Synop.p.14-1f13; K.Alg.Dale.Dec.VIII, No. 2: (Cymbella; -Navicula)  
Lagr. 1834p.49, 10: (Cocconeis Jurgensei) (Cocconeis Jurgensei)  
LATA, Breb.Cons.p.17: (18?)- (Pinn. & Navicula.)  
LATERASCIIATA, Ag.-K.Synop.p.10: (Cymbella.)  
LENS, Breb.Cons.p.13: (Cocconeis & Cymbella pediculus.)-  
LEWISIANA, Grev.-De Toni, Syll.p.273; Cl.Nav.p.123: (Navic.: -Vandendaei; -Navicula ?; in Lewis N. & I. p. 343-11)  
LIBRILIS, Jenner.-Flora Tunbr. Wells: (Surirella solca.)-  
LINEARIS, Castr. 1837p.56-19f9:  
LYNGBYI, K.Synop.p.29-2f32: (H., Podospaenia,  
Echinella & Styllaria cuneata; -Lichophora & Podospaen. Jurgensei, v.)-  
MACULATA, K.Synop.p.11-1f4; K.Alg.Dale.No.35; Lagr. 1834p.58, f3;  
(Cocconeis cistula; -Cymbella lunula & m.)-  
MAJOR, K.Synop.p.19-2f25; (Nav.: Nav. & Bacillaria fulva; -Bacill. conjugata)  
MARITIMA, E.-Inf.p.232; K.B.p.109: (Phlyctenia m.)  
MEMBRANACEA, Griff. & Inf.-M.D.pl.41, f3:  
MINOR, Ag.Syst.p.2; K.Synop.p.9: (Cymbella)  
MINUTA, Rabh.S.D.p.50-7f4; Prit.p.924; (Synedra frustulum.)-  
MULTIASCIIATA, K.Synop.p.22-1f16; Lagr. 1834p.59: (Nav. Jurgensei; -Surirella)  
NEOLACTA, Thw.-De Toni, Syll.p.131: (Cocconeis; -Bacillaria)  
NIDULANS, Breb.Cons.p. : (Cocconeis.)-  
NITZSCHII, K.Synop.p.23-2f33;  
(Sigmatella; -Bacillaria, Cymbella, Navicula & Synedra sigmoides.)-  
NODOSA, Jenner, Flora Tunbridge Wells; - (Navicula.)  
NODULOSA, Breb.Cons.p.13: (Nav.: -Pinnularia tenuis.)  
NOVILUNARIS, Ag., Bot. Zeitung, 1827; K.Synop.p.15;  
OBLONGA, K.Synop.p.20-2f24; Breb.Cons.p.13; K.Alg.Dale.No.34; (Cocconeis Jurgensei)  
Lagr. 1834p.47: (Nav. gracilis & s.; -Pinn.)-

Jaxonica - M.M. J. 1875 pp. 32, 274 pls. 124, 125:





<sup>7</sup>  
Stethica.  
Ginnard, 1882. -  
"

SCULPTA, Rabh. E. D. p. 227: (Navicula linearis & s.)  
 SERRATA, Rabh. E. D. p. 13; Brev. Cons. p. 13; Gr. p. 13: (Nitzschia linearis & s.)  
 SIGMOTEA, Jenner, Flora Imper. Wells; - (Sigmatella nitzschii.) --  
 SPLENDENS, K. Syn. p. 25-2f25; Lagr. 1334 p. 50: (Synsira s. & illa.)  
 STYRIACA, Grun. - Det. Syll. p. 231: Cl. Nav. p. 122: - (Navic.: - Vandendekia.)  
 SUBQUADRATA, Brev. Alg. Nat. p. 1.6: (Siraella minuta.) --  
 SUBTILIS, K. Syn. p. 9-1f2: (Nitzschia; - Synsira.)  
 SUBULATA, K. Syn. p. 10-1f3; K. Alg. Dile. Dec. IX: E. Mik. p. 46;  
 (Closterium acutum.) ---  
 TENUISSIMA, K. Syn. p. 24-2f22: - (Bacillar. ulna; - Flag. rhabdosoma; - Synsira)  
 TORFACEA, Braun. - Rab. S. D. p. 50-7f2: Prit. p. 924; R. Alg. No. 751; Grun.  
 1360 p. 573: (Navic. &  
 Vandendekia crassiuscula; - Rhomboides, v. viridis, & Saxonica, var.)  
 TRIGAMA, Rabh. E. D. p. 273: Det. Syll. p. 279: (Navicula.) --  
 TURPINII, Brev. Cons. p. 13; K. B. p. 39; - (Bacill. conjugata; - Pinn. major, v.)  
 ULNA, Ag. Cons. p. 45; K. Syn. p. 24-2f2f; K. Alg. Dile. No. I: Harvey Mar.,  
 p. 204; Lagr. 1334 p. 31, f1: (Flag. rhabdosoma; - Synsira & Bacill.)  
 VENTRICOSA, Ag., Flora Danm. 1327; K. Syn. p. 11-1f7;  
 (Cocconeia globum; - Cymbella caespitosum, var., & v.)  
 VERMICULARIS, K. Syn. p. 27-2f34; (Sigmatella; - Synsira.)  
 VIRIDIS, A. Syst. p. 2: K. Syn. p. 23; Hass. Alg. p. 437-102f2:  
 (Bacillaria; - Pinnularia; - Flag. rhabdosoma.) --  
 VIRIDULA, K. Syn. p. 23-1f12; Brev. Cons. p. 13; Det. S. p. 275:  
 (Collettonema; - Schizonema; - Vandendekia; - Nav. rhomboides, v.) --  
 VITRATA, Grun. - Cl. 1338, .41; Nav. . 111; Det. 751, . 231:  
 (Collettonema; - Vandendekia; - Nav. v., & dirhynchus.)  
 v. asymmetrica, Cleve Nav. p. 122-5f29:

GAILLONELLA. --- (Bory, 1822.) -

-, A. J. S. 1845p. 322-4f7-9:  
 -, A. J. S. 1842p. 92-2f3:  
 -, E., Abh. Ber. 1871p. 1. Ib, f9:  
 -, E., Mik. pl. 304-912: 38-11+4  
 APICULATA, E.-Abh. Ber. 1855p. 302:  
 ARCTICA, E.-Abh. B. 1853p. 523; Mg. pl. 35A-4f1, 2: (Melosina.)-  
 ARENARIA, Belloc. Lichon p. 53, f12: (Mel.: -Orthosina.)--  
 ASPERULA, E.-A. Ber. 1843p. 253;  
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Crenata, Mik 5-3+47:

7 Dickiei, Thw. - Petit, Cap. Horn:  
"forma Chiliensis, Gn. - Petit, Cap. Horn.:

8 gremata Wq. pl. 33-13+11:

9 var. Australiensis, Gn. - Petit, Cap. Horn. - (Mel.)





17.

Scala, 6, 7, 8-15, 20: 8, 25, 19.

Scala, 33-12, 20, 21.

- LAEVIS, E., Mik. pls. 9-If10a, b; I4f87a, b; 33-If9; 33-I4f12; 35A-I3a, f3;  
Abh. Ber. I369 pl. I<sup>i</sup> f3a: (Biddulphia; -Mel. l. & Rossiana.)  
" var. <sup>i</sup>inflata, E., Mik. p. 201 pl. 33-If10;  
" var. striatosa, E., Mik. p. 77:  
LAMINARIS, E. - Mik. pl. 39-3f64:  
LINEATA, E. - Inf. p. I37-I0f2c; (Mel. Borreri, Jurgensii, l. & moniliformis.)  
LINEOLATA, E. - Abh. B. I343 p. 43; Prit. p. 322:  
LIRATA, E. - Amer. p. I27; - Mg. pl. 2-3f33a, d, a; (Melosira.) ---  
Abh. Ber. I371 pls. Ib, fI, 2; I<sub>2</sub>, f6:  
" v. biseriata, Petit I333 p. 5-4f2I: (Mel. b.)  
" v. lacustris, Petit, I333 p. 5: (Melosira l.)  
" formae tenuiores, Petit, I333: - (Mel.) --  
MARCHICA, E. - Abh. B. I341 p. 415; Mg. pls. 6-If52a, b; 6-2f6; 9-If9a, b; I4f  
39: I3-2f2a, d, 3a: 39-If2: - (Mel. granulata, m., varians, decussata, var.)  
MARYLANDICA, E. - Mik. I356 p. 70:  
MESODON, E. - Mik. pl. IIfI3: (Melosira.) --  
MONILIFORMIS, Bory Diet.: E. Inf. p. I63-I0f5; Amer. pl. I-3f23, 24;  
A. J. S. I342 p. 39-2f3; Cole, Essex; (Mel. m. & nummuloides.)  
NILOTICA, E. - Mik. p. I92; Prit. p. 322;  
NOVAE-ZELLANDICAE, E. - Mik. p. I2; Prit. p. 322;  
NUMMULOIDES, Bory, I324: E. Inf. p. I37-I0f3, 5; IIfI; 2IfI; Mik. pls.  
33A-If2: 33A-IIf, f4; Prit. I352 pl. I4fI4: 33A-If11, f. I351;  
(Conferva monil.: - Fragilaria; - Mel. discigera, n. & salina.) -  
" var. eschiana, Pant. - Det. S. p. I33I:  
" v. hyperborea, Gran. - Det. S. p. I332: - (Mel. arctica, Dickie.) ---  
OCULUS, E. - Abh. Ber. I344 p. 202; (Mel. o. & sol.)  
PILEATA, E. - Abh. B. I344 p. 202; Mg. pl. 35A-2fII:  
PLANA, E. - A. Ber. I345 p. I54: (Melosira.)  
PLICATA, E. - Abh. B. I339 p. 49 pl. 2-2f23;  
PROCERA, E. - Abh. B. I342 p. 27 I: I371 pls. Ib, fI; I<sub>2</sub>, f7; I<sub>3</sub>, f8, f9, f10, f11, f12, f13, f14, f15, f16, f17, f18, f19, f20, f21, f22, f23, f24, f25, f26, f27, f28, f29, f30, f31, f32, f33, f34, f35, f36, f37, f38, f39, f40, f41, f42, f43, f44, f45, f46, f47, f48, f49, f50, f51, f52, f53, f54, f55, f56, f57, f58, f59, f60, f61, f62, f63, f64, f65, f66, f67, f68, f69, f70, f71, f72, f73, f74, f75, f76, f77, f78, f79, f80, f81, f82, f83, f84, f85, f86, f87, f88, f89, f90, f91, f92, f93, f94, f95, f96, f97, f98, f99, f100, f101, f102, f103, f104, f105, f106, f107, f108, f109, f110, f111, f112, f113, f114, f115, f116, f117, f118, f119, f120, f121, f122, f123, f124, f125, f126, f127, f128, f129, f130, f131, f132, f133, f134, f135, f136, f137, f138, f139, f140, f141, f142, f143, f144, f145, f146, f147, f148, f149, f150, f151, f152, f153, f154, f155, f156, f157, f158, f159, f160, f161, f162, f163, f164, f165, f166, f167, f168, f169, f170, f171, f172, f173, f174, f175, f176, f177, f178, f179, f180, f181, f182, 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- WRIGHTII, O. M. - Det. Toni, Bull. Soc. Imp. Moscou, 1392, No. 1: Det. S. p. 1332;

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- CASTRACANEI, Fortm. - Ann. Bot. Buit. 1392p. 3-2f3;
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- JAPONICA, Woll. pl. 34f15, 16;
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- TELEAIRIAE, Arn. - J. Q. M. S. 1360p. 20; Prit. p. 309; Grun. 1332p. 429; R. E. D. p. 303; Ann. Bot. Buit. 1392p. 7-1f1a, b; Det. S. p. 775; (Euplenia.)
- J. Q. M. S. 1858 p. 164;

## GIRODELLA. ----- (Gaillon, 1825) -

- COMOIDES, Gaillon. - Annales Sci. Nat. Vol. I, p. 313; Ag. Bot. Zeitung, 1825p. 594; (Schizonema Smithii, "b".)

## GLOIODICTYON. --- (Agardh, 1830) -

- BLYTHII, Ag. Col. 1. 23; W. S. p. 1. 65; W. T. p. 119; -(Schizonema reticulata; -Mel. 1332p. 429.)

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" v. lacunosa, Temp. - LeD. Vol. 2p. 70-11f5:

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OAMARUENSIS, Grev. - Atlas 125f20: - (Debya &amp; Rattrayella.)

SCINTILLANS, A.S., Atlas 30f7; J.Q.C. 1337p. 10:

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" v. Brasiliense, Gn. - V.H.S. pl. 25 f 17. - (Gom. Br.)



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## GOMPHOGRAMMA. -- (Braun, 1841-)

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## GOMPHONEIS. ---- (Cleve, 1893.)

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## GOMPHONELLA. --- (Rabh., 1853.)

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> forma hastata, a. Cl. 1895 p. 22-1 f 17:

+ var. laticeps, Tolsta p. 431

ACUMINATUM, L. - Inf. p. 217-1314; M. p. 13.4-2f41; 3-1334; 14074a, b; 11A, f37a, b; 133, f34b; 15-2f43; 15-3f34; 17-1f92; 17-2f34; 34-12f, 110a-g; 37-1f11; Beith. 1339p.7M; A.J.S. 1312p.5-3f3; Mass. Alg. p. 422-9911; K. B. p. 35-1311(7); K.S.A. p. 35; R.S. p. 35-3f13; R. Alg. Nos. 322, 1332; M. J. 1354p.99-4f13; Desmaz. ed. I, No. 1433; 2, No. 1033; Cole, 283x; Mill; Marissal; Prit. 1352pl. 15f23; S.B.D. p. 79-23f233; Prit. p. 337-13123; Herib. p. 95; Schum. H.T. p. 40; Alting Bach; Carr. p. 103; Eil. p. 1. No. 47; Roper, Thames; Hill; Kirch. Alg. Schl. p. 192; Cl. 133p. 230; 134p. 43; Nav. p. 134; K. & Z. p. 14-1f17; Socotra; Prollis p. 53; M.T.P. 2-3-4, 5, 6; Macdonald pl. 10f22; Kinnora; Nylander, W.: Grun. 1373p. II: Malaisia; Sm. Sp. T. 175; Petit & Leud.; liste p. 17; 1333pl. 4f2; Lake Michigan; Lagr. 1373p. 40; Atlas 72f10; Hoffmann, Marburg; Brun Alp. p. 39-3f4; V. H.S. p. 124-23f16; Carr. p. 22; Parag. p. 54; Gerling pl. 1f3; Det. Syll. p. 423; Bellin, Lichon p. 44-1f17; Herib. p. 53; 776-2-1-1f16 (G. clavus, Americanum, appenninicum, Brebissoni, minimum);

- \* forma Brebissoni, K.-Cl. Nav. p. 134: -(G. Breb.: -G. acum., p.p.) -
  - \* forma coronata, Cl. Nav. p. 134; (G. acuminat., p.p., & var. laticeps.)
  - \* var. "b" coronata, W.S., S.B.D. p. 79-23f233b; Braemar; R. Alg. 353; S. G. 1337p. 131f191; Carr. p. 103; R.E.D. p. 290; Petit liste p. 17; Kirch. Alg. Schl. p. 192; Tanarek 1379p. 40f11a, 19a; V.H.S. p. 124-23f15; Parag. p. 54; Wille 23f20; Det. S. p. 424; Herib. p. 54: -(G. appenninicum & e.)
  - \* var. "g" nasutum, Schum. 1362p. -9f23: (G. nas.) -
  - \* var. "d" elongat~~us~~, Carruthers p. 103; R.E.D. p. 290; Petit liste p. 17; Cl. Nav. p. 134: (G. Brebissoni, p.p., & e.) -
  - \* v. capitata, Carr. p. 103; S.G. 1367p. 131, f192: (G. cap.)
  - \* v. clavus, E.-V.H.S. pl. 23f20; Herib. p. 54: (G. clavus; -G. acum., & forma Breb.)
  - \* v. constricta, Carruthers p. 103:
  - \* v. cuneata, Carruthers p. 103;
  - \* v. intermedia, Grun.-V.H.S. pl. 23f21: Lake Michigan; Wille pl. 23f27; Herib. p. 54: (G. acuminatum, "g".) -
  - \* v. laticeps, V.H.S. pl. 23f17; Wille pl. 23f22, 23; Herib. p. 54: A.M.M.J. 1391pl. 1f9: -(G. lat.: -G. acum., forma coronata.)
  - \* v. linearis, Carr. p. 103:
  - \* v. montanum, Schum. H.T. p. 37-3f35: (G. mont.)
  - \* v. mustela, Nylander, W., "Fenniae.")
  - \* v. pusilla, Grun.-V.H.S. pl. 23f19; Herib. p. 54; Cl. Nav. p. 134;
  - \* v. sceptrum, Rabh. E.D. p. 290; Kirch. Alg. Schl. p. 192; Det. Syll. p. 425: (Gomph. s.) -
  - \* v. semiapertum, Grun.-Det. Syll. p. 424: (G. sem.) -
  - \* v. submontana, Gutwinski Mat. Flor. Galicyi 1390p. 23-1f23; Det. S. p. 424: (G. subclavatum, var. m.)
  - \* v. trigonocephala, Schum. 1362p. 173; V.H.S. pl. 23f13; Wille pl. 23f21; Parag. p. 54; Herib. p. 54; Cl. Nav. p. 134: (G. tri.)
  - \* v. turris, E.-Cl. Nav. p. 134: (Gomph. turris.)
- AEQUALIS, Greg.-M.J. 1356p. 12-1f41; R. Alg. Eur. 1033 sub; S.B.D. 2p. 104; Prit. p. 391; Carr. p. 103; New Zealand; V.H.S. pl. 25f3; (G. angustatum, v.; -G. sarcophagus, var., & turris.)

+ aff. 1

f. major, T.H.S. vol. 24 f10:

+ angustatum, Cl. Star. p. 181: 1895 p. 21:

> "V. Laponier, A. Cl. 1895 p. 21-1 f. 20, 21;

Angustatum, 1895 p. 155:



AESTUARII, Cl.Navic.p.133; LeD.No.15p.55-3f4;

ARRINE, K.B.p.30-30f74; K.S.A.p.33; R.S.O.p.30-3f11; Prit.p.391; Cl.

1331; 10: Socotra; Gallik, Papan; Petit, 1333; V.H.S.pl.24f3-<sup>9</sup>; 1341.  
p.30: (G.dichotomum, gracile, lanceolatum.)---

AMERICANUM, E.-Abh.Ber.1340p.217; Mg.pls.2-2f30; 3-3f13; 4-2f11; 5-3f13;

19; 9-1f35; 15A, f37a, b; 16-3f33; 17-1f52; 35A-7f11; 5-1f36; K.B.p.

33; K.S.A.p.33; Prit.p.337; Schum.H.1.p.37; 1364p.20-2f13; R.E.D.p.

293; Gallik, Papan; Wollé pl.23f22, 23: (G.acuminatum.)

AMPULLACEUM, Grev.-Hooker's Brit.Fl.Vol.2, p.410; M.J.1349p.150;

(G.geminatum.)

ANGLICUM, E.-Amer.p.127pl.3-1f32; Mg.pls.15A, 13; 15B, 13b; K.B.p.37-

30f62; K.S.A.p.33; R.S.O.p.30-3f2; Prit.p.338: Amazon: (G.capitatum.)

ANGUSTIATUM, K.-R.E.D.p.233; Cl.Nares; 1331pp.3, 10; Vega p.491; 1391p.

50; Nav.p.131; Dannf.p.23; V.H.S.p.126-24f49, 50; T.No.215; Perag.p.

54; Del.Syll.p.429; Herib.p.30: (G.angustum, commune, obtus-

atum, sarcophagus, intricatum, var.: -Sphenella; -G. & Sphen.naviculoides

v.angustissima, H.V.H.S.pl.24f51;

v.aequalis, Greg.-Cl.Nav.p.131:

(Gomph.ae.)

v.intermedia, H.V.H.S.pl.24f47; Herib.p.30: ~~cf. v. angustissima~~

(G.parvulum, v.micropus, & Gomph.int.)--

v.obtusata, K.-Cl.Nav.p.131: V.H.S. 24f43-45:

(G.obt.; -Sphenella o., naviculoides & vulgaris.)

v.producta, Grun.-V.H.S.pl.24f52-55; T.No.217; Herib.p.30;

Cl.Nav.p.131: 1895p.21:

(G.commune.)--

v.sarcophagus, Greg.-Cl.Nav.p.131: V.H.S. 25f2, 7, 116: (G.lagenula & s.)---

v.siliculae, Grun.-V.H.S.pl.25f1; 1310p.30; Cl.Nav.p.131:

v.unilata, Grun.-Cl.Navic.p.131:

ANGUSTUM, Ag.Cons.p.33; Leibl.Regensb.Fl.I, p.323, f7; K.Syn.p.36; K.

B.p.34-7f14; K.S.A.p.33; Marissal; Schum.1364p.19-2f17; Gallik, Papan;

V.H.S.pl.25f25: (Gomphonella; -G.gracile, var., & olivaceum, v.)---

ANOMALUM, H.L.Sm.-Q.J.M.S.1360p.33;

ANTARCTICUM, O'M.-J.L.S.1377p.56-1f3; Del.S.p.432:

APICATUM, E.-Abh.2.1341p.413; 1391pls.1c, 113; Mg.pls.2-2f13; 9-1f11;

Grun.1363p.23; Cl.1391p.43-3f20, 21; Nav.p.135; -(G.cristatum & turris).

APICULATUM, E.-Amer.pl.2-1f33; Mg.pl.4-2f39; Rabh.Bac.Exs.39; Prit.p.

339-12f23, 30; R.E.D.p.213: (G.21f12.)

var."b", E.-Mik.pl.2-2f43; Prit.p.339:

APPENDICULATUM, Perty Kl.Leb.p.204-17f12: -(G.acuminatum v.coronata.)---

ARCTICUM, Grun.1364p.50-1f12; Cl.Vega p.463; V.H.S.pl.25f30;

Del.Syll.p.435: (G.exiguum, var.A.)-

ARGENTESCENS, Ag.-K.Syn.p.45; Linnea 1344p.571:

(Echinella & Liemophora flabellata; -Liem.arg.: -Meridion radians.)

ASYMMETRICUM, Gutwinski Mat.Fl.Galicyi 1390p.23-1f24; Notar.1390p.

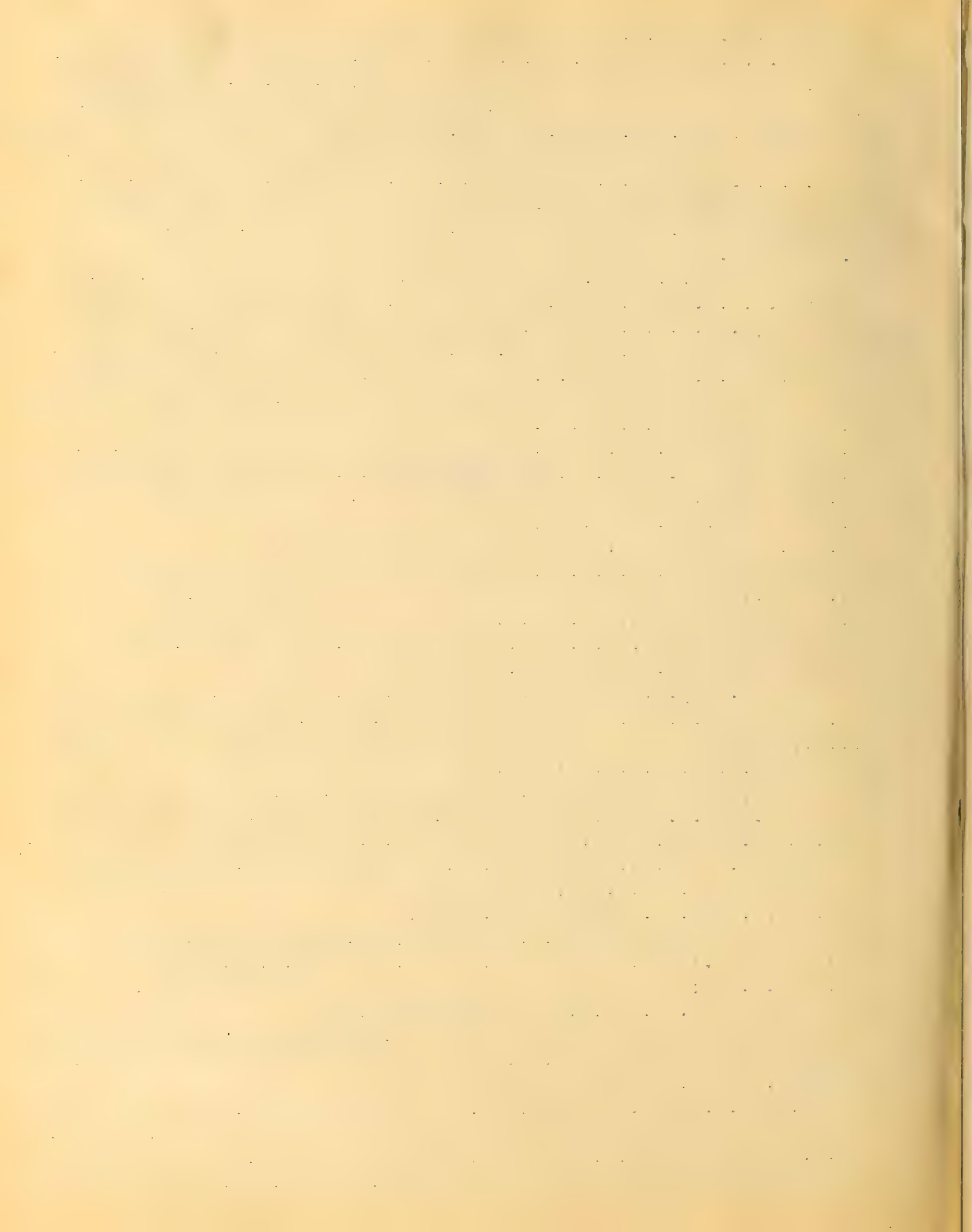
190; Del.Syll.p.430; -(Cymbella sinuata.)

AUGUR, E.-Abh.B.1340p.17; Amer.pls.2-1f33; 3-4f13; Mg.pls.9-1f40; 15A,

f92a, b; 15B, f35; 35A-3f2; 33A-17f20; K.B.p.37-29f74; K.S.A.p.37; R.

S.O.p.30-3f19d; Prit.p.339; Grun.1363p.22; R.E.D.p.230; Schum.H.1.p.

36; Nylander, W.: New Zealand; Grun.1373p.12; V.H.S.p.124-23f29; 1.



- No.208; Perag.p.54; Hoffmann,Marburg; Wolle pl.23f17,18; Cl.1891p.48; Nav.p.135; Del.Syll.p.424; Herib.p.54;  
(*G.apiculatum*, p.p. & *eristatum*, Ehrenbergii, rostratum, & Saxonicum: -*Sphenella* append.)  
" *v.Gautieri*, H.V.H.S.p.124-23f28; Del.S.p.425; Herib.p.54: -(*G.augur*.)  
" *v.nasutum*, Rabh.E.O.p.290: (Gomph.n.)  
AURITUM, Braun.-K.S.A.p.63; R.S.O.p.59-3f3; Prit.p.391: V.H.S.pl.24f15,18; Hoffmann,Marburg; Herib.p.53: -(*G.dichotomum*, v., & *gracile*, v.)--  
AUSTRALIENSE, Grun.-Cl. & M.No.254: (G.hyalinum, v.)  
BACILLUM, E.-Mik.pl.37-1f14;  
BALTICUM, Cl.1863p.231-4f10-16; Cl. & M.41; Sm.Sp.T.633; A.J.M.1877p.151; 1873p.104; Grun.1873p.10; Dannf.p.23; V.H.S.pl.23f24; T.No.222; Del.S.p.432: (G.olivaceum, v. ? -*Rhipidophora tuberculata*.)--  
BENGALENSE, Grun.-V.H.S.pl.24f37,38; Del.S.p.430: -(G.lanceolatum, v.)---  
BERGGRENII, Cleve Nav.p.135-5f3,7;  
BERKELEYII, Grev.-Hooker's British Flora Vol.2, p.409; A.M.N.H.1843p.464-13f3; Hass.Alg.p.423-100f2: (G.olivaceum.)  
CHLORITATUM, O'M.-J.L.S.1877p.53-1f1; Del.Syll.p.42;  
BRASILIENSE, Grun.1873p.13; Del.S.p.431; Cl.Nav.p.139: (G.abbreviatum, v.)  
" *v.Demararae*, Grun.1873p.13; Del.S.p.432; Cl.Nav.p.139;  
BREBISSONI, K.S.A.p.66; R.S.O.p.60; J.R.M.S.1854p.97-4f13; A.M.N.H.1855p.6-1f3; Prit.p.337; Sm.Sp.T.176: Kinnora;  
Perag.p.54; Hoffmann,Marburg; Herib.p.53; Spamer,Duren;  
(*G.acuminatum*, *dichotomum*, *elongatum* & *subclavatum*, v.)  
BREVIPIES, K.Syn.p.40-3f47; -(*Echinella*, G. & *Podosphaeria abbreviatum*.)  
CALCAREUM, Cl.1863p.231-4f7-9; Cl. & M.42; O'M.Kerg.; A.J.M.1877p.151; 1873p.104; Sm.Sp.T.634; Grun.1873p.10; Hoffmann,Marburg; Del.S.p.432; Spamer,Duren: (G.olivaceum, var., & *subclavatum*.)---  
" *v.minor*, Grun.1873p.10;  
" *v.subconstricta*, Grun.1873p.10;  
CANTALICUM, Br. & H.-Herib.p.219-6f11; Cl.Nav.p.139: - (*Gomph*)  
" *v.costalonga*, Br. & H.-Herib.p.219-6f13; Cl.Nav.p.190;  
" *forma major*, Br. & H.-Herib.p.219-6f12; Cl.Nav.p.190;  
CAPITATUM, E.-Int.p.217-13f11; Mik.pls.9-1f31; 13A,133; 13-3f37; 17-1f51; K.B.p.33-13f12; 21f13; K.S.A.p.63; R.S.O.p.59-3f17; R.Alg.E.No.452; R.Bac.Exs.No.36; R.E.O.p.233; S.B.O.p.30-23f237; A.M.N.H.1855p.5-1f2; Marissal; Braemar; Mull: Prit.p.337; Sur.Jap.p.17-2129; Kirch.Alg.Schl.p.193; Bleisch,1863; Schum.H.T.p.37; Weisse 1864p.631-4f43; Roper,Thames; Hull; Nylander,w.: Prollius p.54; Petit & Lema; 1883; Pet.Nimrod; liste p.17; M.T.P.5-1-7; Hoffmann,Marburg; Sm.Sp.T.177; Gallix,Papan; Brun Alp.p.37-6f19; Lake Michigan;  
Spamer,Duren; Perag.p.54; Belloe,Lachon; Stross Kleiken p.12-1f19; Wolle pls.22f19; 23f6,7; 23f16,20,21; Del.Syll.p.422; Herib.p.53: (Gomph.)  
anglicum, Italicum, Persicum, turgidum, ventricosum, & constrictum, v.)  
" var."b" curta, S.B.O.2p.99; A.M.N.H.1855p.5-1f2b; K.B.p.33-13f1,4; Braemar: Herib.p.53;

Question 2: What is the probability that a randomly selected member of the population is a member of the population?

Answer: The probability is 1 (100%) that a randomly selected member of the population is a member of the population.





*Cygnus*, v. *longiceps*, E. - *Brun alp.* p. 371 - (*G. longiceps*)

*Dichotomum*, W.S. - V.H.S. 24 f 19-21 p. 125: *Var. sessilis*, (p. 125)

" var. *sessilis*, *Brun alp.* p. 37-6 f 2: - (*F. pulvinatum*) -

- CRASSUM, Rabh. S.D. p. 59-10f I3; Prit. p. 391; R.E.D. p. 293; Det. S. p. 435;  
 CRISTATUM, Ralfs. -A.M.N.H. Vol. 12, 1845, p. -13f6; Nass. Alg. p. 423-100f I;  
 S.B.D. Ip. 79-23f 240; Front.: R.S.D. p. 59-3f I9; Prit. p. 333; Carr. p. 104;  
 131f. p. 95-5f I7; New Zealand; Roper, Thames; Amazon; Brebisson, 1863 Cl.  
 1363p. 23I; Sm. Sp. T. 173; Petit liste p. 17; Belloc, Luchon; Hoffmann,  
 Marburg; Gallik, Papan; Kirch. Alg. Schl. p. 192; Spamer, Duren; Malaisie;  
 Wolle pl. 27f 3, II: (G. aurum & nasutum; -Sphenella appendiculatum.) ----  
 \* var. turgida, Petit, 1333p. :  
 CURVATUM, K. Syn. p. 39-4f 5I; Linnaea 1333p. 567-4f 5I; K.B. p. 35-3f 3; 9f 3;  
 K.S.A. p. 64; R.S.D. p. 59-3f I8; Prit. 1352pl. 16f II; Mont. Fl. Alg. p. 190; R.  
 E.D. p. 112; S.B.D. Ip. 31-29f 245; Weisse 1330p. 359-3f 5I; 1364p. 107-1f I7;  
 Prit. p. 333-II f 9-12; 13f II; Bleisch, 1363; Roper, Thames; New Zealand;  
 Carr. p. 104; Mull; Grun. Foss. p. II-1f 25; Prollius p. 53; Petit, Cassel;  
 Sm. Sp. T. 667; Hoffmann, Marburg; Spamer, Duren;  
 (Exilaria rubiginosa; -G. minutissimum; -Rhoicosphaenia.) -  
 \* var. "a" aquaticum, K.B. p. 35-3f 2; K.S.A. p. 64; Prit. p. 333; -(G. curvatum)  
 \* var. "b" salinum, K.B. p. 35-3f I; K.S.A. p. 64;  
 \* var. "g" marinum, K.B. p. 35-9f 3; K.S.A. p. 64; Prit. p. 333: (G. mar.)  
 \* var. flabellata, K.S.A. p. 65:  
 \* v. pulvinata, K.S.A. p. 64;  
 CURVIROSTRUM, Brun & Tem. p. 33-9f 4; Det. Syll. p. 42I;  
 CUSPIDATUM, Rabh. S.D. p. 59-3f 22; Prit. p. 391; R.E.D. p. 292;  
 CYGNUS, L. -Am. p. 123; W. pl. 5-3f 33; K.B. p. 37; K.S.A. p. 67; R.S.D. p. 59;  
 Prit. p. 390; Schum. 1331p. 137-9f 26; 1367p. 55; R.E.D. p. 235; Brun Alp. p.  
 37-6f 7; Petit & Leud.; Kinnora; Stross Kl. p. 12-1f 7; Det. S. p. 427;  
 H. 10. p. 60:  
 (G. intricatum, v. vibrio; -G. subclavatum; -Sphenella rostellata, "b".)  
 CYMBELLA, Brun 139Ip. 23-19f 2; Cl. Nav. p. 183;  
 DICHOTOMUM, K. Syn. p. 44-3f 43; Linnaea 1333p. 569-3f 43; K.B. p. 35-3f 11; K.  
 S.A. p. 65; Breb. Cons.; A.M.N.H. 1343p. 463-13f 7; Nass. Alg. p. 423-99f 2; S.  
 B.D. Ip. 79-23f 240; Front.; Braemar; Mull; R. Alg. Eur. 1264; R.D. Ex. 235;  
 R.E.D. p. 235; Prit. p. 390; New Zealand; Roper, Thames; Arenig Bach; K.  
 & Z. p. 16-2f I; Carr. p. 103; Grun. 1365p. 10; 1373p. 10 & 103; Nylander, w.:  
 Amazon: Prollius p. 53-1f I-16, 19; 2f 12; M.T.P. 3-2-9; Kinnora; Petit &  
 Leud.; liste p. 17; Brun Alp. p. 36-6f 3; V.H.S. pl. 24f 19-2I; Lake Mich.  
 Perag. p. 54; Belloc, Luchon; J.L.S. 1334p. 245; Malaisie; Det. S. p. 426;  
 (G. Brebissoni, fragile, ~~v.~~-intricatum, v.: -  
 \* var. "b" sessilis, K.B. p. 36-13f I(6); S.B.D. Ip. 79-23f 240b; R.E.D. p.  
 236; Wolle pl. 26f 16, 17; Det. Syll. p. 426; Andrisson 1863 p. 398 & 14;  
 (Exilaria truncata; -G. Brebissoni & subclavatum.)  
 \* v. aurita, Rabh. E.D. p. 236: (G. fragile & a.) ---  
 \* v. affinis, Grun. 1365p. 10; R.E.D. p. 236: (Gom. a.) ---  
 \* v. pulvinata, Braun. -Det. Syll. p. 427: (G. pulv.) -  
 \* v. trigibba, Moller T.P. 3-I-10:  
 DIGITATUM, K.B. p. 64-2f 12(2); K.S.A. p. 63; Prit. p. 391; -(G. Brebissoni & v. a.)  
 DISCOLOR, L. -Beitrag 1331p. 63; Inf. p. 213-13f 3; R.S.D. p. 59-3f 11; R.E.  
 D. p. 293; Spamer, Duren: (G. clavatum & olivaceum.) ----  
 DUBRAVICENSE, Pant. 3p. -20f 294, 296: -(G. ventricosum, v. ornata.) ---  
 2222 216524 235

Eriense,

|| var. *rostrata*, *As.*, *Atlas* 216 f 15-18:

+ Exiguum, *K.* - *Det. J. p.* 431:

+ " v. *pachycladia*, *Westrup* 1897 p. 319

Geminatum,

|| v. *Sibirica* = *D. dynasterea*





+

gracile, Cl.

1899, 211 Form 5 (212, 13, 14, 15)

" forma parva, V.H.S. pl. 24 f 14:

Greenlandica, Orskov, - Atlas 213 f 40-41 (F. Kant, 1899)

Groovi, A.S., Atlas, 214 f 13-18:

longue,

" forma major, V.H.S. pl. 24 f 39:

" " minor, V.H.S. pl. 24 f 40, 41:

- GLACIALE, Rabh. E. D. p. 282; Brun Alp. p. 34-3f14; Belloc, Lichen; Perag.  
p. 54; DeT. Syll. p. 434; (Sphenella g.) -
- GLANS, E. - Amer. p. 123; Mik. pls. 4-2f35; 5-2f37; 7-3f37; 8-2f37; 9-2f37;  
Prit. p. 339; DeT. Syll. p. 436; (Dionphala.) ---
- GLOBIFERUM, E. - Mik. p. 259;
- GRACILE, E. - Inf. p. 217-13f3; Amer. pls. I-1f27; 2-1f39; 3-1f35; Mik. pls.  
I-3f21b; 2-3f30; 4-1f25; 4-3f26; 6-1f33a-c; 7-3b, f11, 12; 3-2f14a-c;  
9-1f36, 39; 11f13a-c, 19a, b; 12f5, 6; 15-A, 139a-c; 15-B, 136; 16-1f39a, b;  
16-2f45; 16-3f35; 17-2f33, 40; 33-10f15; 35A-2f13; 35A-4f4; 35A-6f6;  
37-2f3; 33A-20f4b; 39-1f33, 34; 39-3f67, 68; Abh. B. 1339 pl. 1a, f20; 1370,  
11. 1f, 13; A. J. S. 1351, 113-18; R. S. C. p. 39-3f16; Schum. 1367 p. 55-5f36;  
1367 p. -1f13a; Ebert, Cassel; Carr. 1331 p. 350, 1192 sub; Galtsoff, Pagan;  
V. H. S. p. 125-24f12; T. No. 212; Bouman, Varon; Woll. pl. 2715, 7; Cl.  
1391 p. 49; Nav. p. 132; Spamer, Duren; J. L. S. 1334 p. 245; Petit, 1333: DeT.  
S. p. 426; Strose Kl. p. 12-1f10; > 8m. 72-2f44: - (Exilaria truncata; -  
G. affine, angustum, acutum; - G. adlocum, v. - Podocarpus, v. -)  
" var. "a", E. - Mik. pl. 7-3a, f29d;  
" var. "b" longicollis, E. - Mik. pl. 7-3a, f28a - 2;  
" v. aurita, Braun. - V. H. S. p. 125; T. No. 212 sub; Cl. Nav. p. 132;  
(G. angustum, p. p., & a.) -  
" v. clavata, E. - Mik. pl. 17-1f57a, b; (G. clav.)  
" v. cymelloides, Gran. - Cl. Nav. p. 132; 2. 20. 1895 p. 2-1f;  
" v. dichotoma, W. S. - Cl. Nav. p. 132; 1895 p. 2  
(Gomph. d., Hebridense, tenellum & vibrio.) -  
" v. gracillima, Schum. 1367 p. 55-1f13b: (G. intricatum, v. pumila.) -  
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17-2f23; Prit. p. 390; Schum. H. 1. p. 57-3f57; 13521. 137-9f27; V.H.S. pl.

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" *f. mae major*, V.H.S. pl. 25 f 4:

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233: Grun. I373p. IO: Del. Syll. p. 425;

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\* v. clavata, Grun. I373p. IO: (G. subclav.)

LONGICOLLE, E. -Ahl. p. I341. 321; Mg. pls. I1117; 39-3139; Prit. p. 332:

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MAMMILLA, E. -Mik. p. 332-211; Moh. 3. I370. 55; Prit. p. 390: R. E. D. p. 293;

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(G. & *Rhoicosphaenia curvata*, var.)

MAXIMUM, Grun. -V. H. S. p. 123f3; Wolle pl. 26f3, 9:

(Gomphoneis mammilla; -

MEXICANUM, Grun. -V. H. S. p. 124f3; Wolle pl. 27f12; Del. S. p. 430:

(G. commutatum, var.)

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57: *Arabisone* 1862p. 370, 1110. (G. parvulum, v.: -G. tenuiss.) --

\* v. exilis, Grun. -V. H. S. p. 125f6:

(G. parvulum, v.)

\* v. minor, Grun. -V. H. S. p. 125f5; T. No. 219; Herib. p. 57;

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\* v. exigua, Rabh. E. D. p. 284:

(G. exiguum, v.) -

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\* v. commutata, Grun. -V. H. S. p. 125-14f2; Del. S. p. 425: (G. com.)

\* v. media, Grun. -V. H. S. p. 125f27:

\* v. pumila, Herib. p. 55;

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\* v. Suecica, Grun. -V. H. S. p. 123f32;

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" var. "b", Rabh.E.D.p.291: (G. ramosissimum, Naeg.) ---  
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" v. Baltica, Cl.Nav.p.133: (G. Balt.) -  
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\* v.dichotoma, Herib.p.56;

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- SARCOPHAGUS, Græg. - M.J. 1853p. 13-1f42; S.B.D. 2p. 99; Prit. 1. 391; Carr. 1. 104; R.E.D. p. 234; Brin Alp. p. 35-3f10; Cl. 1391p. 50; Perag. p. 54; Woll. pl. 27f10; Malaisia; Del. S. 1. 429; 1810. p. 51; (G. acuminata - G. acuminata, v. ) --
- " v. minor, Rabh. E.D. p. 234; (G. acuminata, v. ) --
- SAVANNAE, E. - Mik. 1. 332; Prit. 1. 392; R.E.D. p. 392; Del. S. 1. 433;
- SAXONICUM, Rabh. Alg. Exsicc. No. 39; (G. acuminata, v. ) --
- > SCEPTUM, Rabh. S.D. p. 30-3f13; Prit. 1. 337; (G. acuminata, v. sc.)
- SEMIAPERTUM, Græg. - V.H.S. pl. 24f12; Lake Michigan; Woll. pl. 27f10; Cl. & M. No. 264; Cl. Nav. p. 132; *Atlas 216 f 5-8*; (G. acuminata, v. ) --
- " v. Tergestina, Græg. - V.H.S. pl. 25f40; Herib. p. 51; - (G. parvulum, v. Ter.)
- SEMIELLIPTICUM, Ag. Cons. p. 33; K. Syn. p. 37; Linnae 1833p. 565; (Cocconeum & Cymbella cistula; - G. cistula, v. ) --
- SEPTATUM, Ag. Cons. p. 33; K. Syn. p. 39; Linnae 1833p. 557; Leiblein, *Flora Repert. 1. 327, 99*; (G. minutissimum, v. ) --
- SIGMA, E. - Mik. pl. 37-1f15; 1830
- SILICULA, E. - Mik. pl. 37-1f13;
- SIMPLEX, K. Syn. p. 37-4f52; Linnae 1833p. 565-3f52; (Cymbophora pastroides; - Cocconeum (& Cymbella) cistula & cymbiformis.)
- SPHAEROPHORUM, E. - Abh. Ber. 1845p. 73; Mik. pls. 33-1f16; 35A-7f14; B.J. N.H. 1861p. 344, f75; Lake Michigan; V.H.S. pl. 25f30; Woll. pl. 27f1, 2; Cl. 1391p. 49; Nav. p. 137; (G. lat. & parvulum, v. ) --
- SPHENELLOIDES, Rabh. S.D. p. 53-3f1; Prit. 1. 339; weisse 1864p. 109-1f16; Schum. 1864p. 19-2f16; (G. abbreviatum, v. ) --
- SPLENDIDUM, Bréb. Cons. 1. 14; (Lichophora, v. ) --
- STAUROIDEFORME, Græg. 1873p. 9; J.R.M.S. 1879p. 673; Del. Syll. p. 464; (G. olivaceum, var. ) -
- " v. Caspia, Græg. 1863p. 9-3f12; Del. Syll. p. 464;
- SUBCLAVATUM, Græg. 1864p. 46-1f13; Cl. & M. 137; 1831p. 73; 1891p. 49; Nav. p. 133; *W.H.S. 24f1*; T. No. 210; Herib. p. 55; *Cl. 1875p. 2*; (G. dichotomum, var. "b"; - G. longiceps, var. s.; - G. montanum, var. s.; - G. cygnis, commutatum, calcareum, ~~micelle~~, longiceps, Brebissoni, Kinkerianum & Mexicanum.)
- " v. acuminata, H. & Perag. - Herib. p. 55-3f3; Cl. Nav. p. 134;
- " v. montana, Schum. - Cl. Nav. p. 134; (G. acuminatum v. submont.)
- " v. mytila, E. - Cl. Nav. p. 134; *CC. 1875p. 2*; (G. acuminatum, v. ) --
- " " forma curvata, Br. & Perag. - Cl. Nav. p. 134;
- " v. obliqua, Græg. - Cl. Nav. p. 134;
- SUBRAMOSUM, Ag. Cons. p. 34; Linnae 1833p. 570-3f44; K. Syn. p. 42-3f44; K. B. p. 35-3f15; K.S.A. p. 65; K. Alg. Exs. No. 152; Montagne 1. Alg. p. 190; Leiblein Reg. Flora 1830, p. 323, f5, 9; Prit. 1. 339; V.H.S. pl. 26f20, 27; Nylandt, v. 1. 1834p. 51; 1810. p. 51; (G. constrictum, olivaceum, ~~78~~ septatum, v. ) -
- " v. clavata, Rabh. E.D. p. 235; - (Gomph. e. ) --
- " v. erosa, Rabh. E.D. p. 235; (Gomph. e. )
- SUBTILE, E. - Amer. 1. 123; Mik. pls. 2-2f45; 5-3f34; 15-A, f90; 15-3f33; 17-2f43; K.B. p. 37; K.S.A. p. 68; R.S.D. p. 30; M.J. 1853p. 12-1f12; S.B.D. 2, p. 100; Prit. 1. 337; Amazon; Schum. 1864p. 20-2f19; Kinnora; R.E.D. 1. 233;

+ Subtile, E. -

" v. rotundata, A. Cl. 1895, p. 21.

" f. angusta, V. H. S. pl. 23 f. 4.

Tropicale, Brum. - Atlas 216 f. 3, 16.

Gran. I373p. I2; Petit liste p. I7; Brin Alp. p. 35-6f11, I2; Bennf. p. 23; V. H.S. pl. 23f I3; Cl. I33Ip. 3; I39Ip. 49; Nav. p. I32; Bot. Cbl. p. I330p. 249; Perap. p. 54; Del. Syll. p. 423; Herib. p. 53; *Cl. 1895p. 21*

> *v. sagitta*, Schum. - Cl. Nav. p. I33: *1895p. 21*: (G. sag.) --

SZABOI, Part. 3p. 2-2f34: (G. lanceolatum.) --

TELEGRAPHICUM, K. B. p. 34-319; K.S.A. p. 32; Part. p. 34: (G. telegr.) --

TENELLUM, K.B. p. 34-3f3b; I4f7(5, 5); K.S.A. p. 33; R.S.O. p. 55-3f5; R.E. D. p. 233; R. Alp. Eur. I163; S.B.O. I4. 30-29f243; Braemar; Mill; Prit. p. 339; Heib. p. 93; New Zealand; Eil. Sp. T. 43; Mill; Gran. I333p. 22; O'M.

Kerg.: Petit & Lend.; liste p. I7; Eiben, I37I; Sm. Sp. T. I33; Kinnora;

Cl. & M. I39; I33Ip. 3; I39Ip. 49; Bennf. p. 23; Brin Alp. p. 35-6f5(p)

V. H.S. pl. 23f I2-23; Malaisie; Woll. p. 23f I3; Brin Alp. p. 35;

Spamer, Diran;

(G. acuminatum, clavatum, micropus, olivaceum: - Styliaria filiformis.)

\* *v. micropus*, Gran. I333p. 23; R.E.D. p. 234; Brin Alp. p. 35-6f5(p): —

Malaisie; (G. mic.) --

TENUICOLLE, E. - : Prit. p. 392; R.E.D. p. 234; Del. S. p. 433;

TINCTUM, A. Cons. p. 35; Linnea I333p. 57I-3f59; K. Syn. p. 43-3f59:

(Liemophora fibula & t.: - Rhipidophora elongata.) -

TRANSYLVANICUM, Part. 3p. - I4f2I9, 220; Cl. Nav. p. I37:

TRIDENTULUM, Radl. - Trav. Vol. I (I351)p. I03-I31; Del. S. p. 430;

TRIGONOCERATUM, E. - Mil. p. 1.3-I133; Lake Michigan: (G. acuminatum, v. 1.) -

> TRUNCATUM, E. - Bennf. I33p. 33; Inf. p. 215-I3fI; Woll. p. 19.5-I133; 3-I123a-a;

7-3a, f3I; 7-3b, f10; 9-I133, 34; I4f63, 69; 10-2f14; I1f20; I6-3f37;

I7-I154; I7-2f42; 33-3f11; 33-I113; 31-I1, 13; 34-I13, f3, 6; 37A-7I

I5; 37-I1f12; 39-3f70; Abh. Ber. I369p. Ie, f9; Hass. Alp. p. 42I-93f2:

(G. constrictum, geminatum, paradoxum, pohliaeforme.) --

TURGIDULUM, E. - Mil. p. 1.4-2f34: (G. capitatum & Part. 3p. 1.) -

TURIDUM, E. - Mil. p. 1.2-2f10; Gran. I373p. II: Cl. I33Ip. 3; V. H.S. pl. 23f I1;

Woll. p. 1.2f19; Lake Michigan: 2-3-32: (G. constrictum, v. 1. & capitatum.) -

TURRIS, E. - Bennf. p. I23; Mil. p. 1.2-2f42; 4-2f10; 4-3f13; I4f70, 71; 35-5I

6: 34-3f3; 38A-3f4; K.B. p. 37; K.S.A. p. 37; E., Abh. B. I369pls. Ia, fII:

2-I1f4; Prit. p. 339; R.E.D. p. 233; Gran. I333p. II: Amazon; Styliaria; V. H.

S. pl. 23f I3; T. No. 209; Kinnora; Woll. p. 23f I3; Lake Michigan; Cl. I33I,

p. 49; Del. S. p. 424; (G. acuminatum, v., & apiculatum.) -

\* *v. apiculata*, Gran. I365p. IO-I1f12a, b; Amazon; Del. Syll. p. 424;

(G. gracile, var. lanceolata.) -

TURRITUM, Gr. - M.O. I365p. I2-I142; S.B.O. 8. 99; Del. S. p. 423;

VALIDUM, Cleve Nav. p. I35-5f9:

\* *v. elongata*, Cl. Nav. p. I35-5f3:

VENTRICOSUM, Carinthia p. I03; Cl. & M. 93; I39Ip. 60; Nav. p. I33; S. S. p.

T. 370; Gran. I373p. II: V. H.S. pl. 25f I3; *Cl. 216fg* (G. capitatum & var.) --

\* *v. maxima*, Cl. Nav. p. I37-5f I3:

\* *v. ornata*, Gran. - V. H.S. pl. 25f I4, I5; Cl. Nav. p. I37: (G. Dibravicensis.) -

\* *v. tasmanica*, Cleve Nav. p. I37:

VIBRIO, E. - Amer. p. I23p. 1.2-I1f40; K.B. p. 37-29f75; K.S.A. p. 37; R.S.O. p. 59-

319; R.E.D. p. 237; Woll. p. I33Ip. 273-I1f00; V. Mil. p. 1.2-2f11; Woll. p. 1.2f19;

*Gomphopleura*. - (Reichel't, 1894.)

nobilis, Reichelt. - Besond. abdr. aus den Ber. den  
Nat. Gesells. zu Leipzig, 1893: L. S. Vol. 2, n. 16p. 79.  
~~Atlas pl. - 215-1916~~

Diagnosis Generis: - *Frustulia aculeiformis*: valvis lanceolatis;  
nullo nodulo centrali; nodulis terminalibus; -  
~~valde elongatis~~. - (= Reicheltia, cf. ~~Reichelt~~, 1895) -



S.B.D. 11.31-23f242; Mull: Prit. p.390-12f35; New Zealand: Selous. H.T. p.37-38f3; T. No. 1.17-9f11; Mull: Can. p.105; Hoffmann, Marburg. p.105. 184; Kinnora; Bran Alp. p.37-6f3; Petit & Lend.; liste p.17; Belloc, Luchon: V.H.S. pl.24f26; T.No.213; Lake Michigan; Peraz. p.54; wolbe, pl.27f5; Hoffmann, Marburg; Cl.1391p.45; Malaisie; Del.S. p.427;

Herib. p. 59: (G. intricatum, var. vibrans.) ---

v. *Hebridensis*, Greg. - R. E. D. p. 287; Det. S. p. 427: (G. Arb.) --

*V. subventricosa*, H.V.H.S. pl. 24f27: Malaisie:

VIRIDE, Unger. - Beobacht. Mikrosk. 1849 p. 709, pl. I:

$$V(\Gamma^{\text{int}})(\mathbf{M}), \text{ C.A.R. } [\delta^{\text{int}}]_1, [\delta^{\text{int}}]_2 \vdash (\text{true} \rightarrow \text{true})_{\text{int}} \rightarrow \text{true} \rightarrow (\forall v, v' \in \text{Dom}(\mathbf{M}). \text{true} \rightarrow \text{true})$$

VULGARE, Breb. Cons. l. 14; R.E.D. p. 233; Brain Ali. p. 34-3f20; Bellloc.

Lichen: -(*C. olivaceum*, var., & *cinereus*; -*Sphinctilia*; -*Styliaria* (part))

v. obtusata, Rabh. E. D. p. 283: (G. & Sphenella v.) --

GOMPHONITZSCHIA. - (*Grenow, 1867.*) -

CLEVEI, Grun.-Cl. 1380f. 102: J.R.M.S. 1380f. 397-13f II: Del. Syll. 1. 505;

UNGERI, *Gran.* 1330p.7-If1: *Cl.* 1330p.102: *Def.* Syll. 1.535:

J.R.M.S. 1380p.397-13f17: *Grevillea* Vol. 1p.30-2f/a-e

CONSTITUTION. --

-, A.J.S. 13451.335-4f26:

- J.R.C. 137 I<sub>1</sub> 1. I4f I-3:

- E., Min. 11.33B-22foa:

ANALUS, E. - Mik. pl. 33-13f4; M. D. pl. 42f34: (Eucaria gibba.)

BARBATUM, E.-Abh. Ber. 1344 p. 37; Mik. pl. 13 f 106; M.D. pl. 42 f 35; Prit. I. 364; Grun. 1373 p. 35-4 f 24; Fortm. Cey. p. 73; Del. Syll. p. 1009.

(Chaetoceros; -Rhizosolenia.) -

COCCONEMA, E. - A. Ber. 1355p. 303; Det. S. p. 1010:

CRENATUM, E.-Mik. pl. 39-3f74; Prit. p. 874-15f10; Del. S. p. 1009:

CYMBALUM, E. -Abh. B. 1355 p. 302; Def. Syll. p. 1010:

DANICUM, Grun.-M.T.P.4-I-9: (Chaetoceros; -G. Jant. III, v.)-

DECORATUM, Bran 1391x.23-12f3; Det. S. p. 1003:

DIDYMUM, B.-Ann. Real. Lab. 11, 23; W.-J. 1, 15 (1864); V.S.A., 10; Plut. p. 354;

M.D. 11.42f36; Wollf pl. 64f3I; Det. S. p. 1010:

EURYOTIPALD, L.-ANN. 2. 1877, 202; DET. 9. 11. 1. 1877;

GASPERIC, M. - *Publ. U. B.* 1944, 25; *ibid.* 1949, 6; 35A-17116; *N.S.A.*, 20.

Weiss, G., 1995-2010; M. G., 1.4 (10); 1995, 1996; (C. G.) - -

ASPIDOP, R. - R. 1911. *Isol.* 25: 111. *Pl. 10107*: 1. *C. 111*: 1. *10107*: 1.

Jan. Gu. p. 24-1a, f35; Del. S. p. 1003: (Chaetoc.)

MARIS-MORTUI, L. - A. Ber. 1849 p. 191: Mik. p. 43; Det, S. p. 1009:

MONODON, E. - Abh. B. 1344 p. 23; M. p. 13 f 97; 33-13 f 12; W.S.A. p. 23; M.D. 11.

42f37; Prit. r. 864; Weisse I 354 r. 242-If 23; Wölle 64f30; Del. S. r. 1009;

NAVICULA, L.-A. 061. Is 111.28; M<sub>1</sub>. 418. Is 1132, 6; 35-17 IU: V.S. 1.1.2.

M.D.pl.42f37; Prit.p.364; Weisse Guano p.303-2f4I;

Def. Syll. 1.1009: (Chactoberos.) ----

OBTUSUM, E.-A. Ber. 13441. 23; Mik. pl. 13195; K.S.A. 1. 23; Prit. 1. 364;

Wolfe pl.64f33; Det.S.p.1009:

+ odontella,

" var. denice, Gr. - V.H.S. pl. 105 f 11, 12:

prolongatum,

" var. reticulosa, Gr. 2, n° 22 p. 238-20 f 9-11:

> Tenuis, Br. - Gr. 2, n° 16 p. 77-5 f 5, 6:

- ODONTALLA, E. - Abh. Ber. 1841. 23; Mik. 19. 13194; 33-13110, 11; 33-13115;  
 K.S.A.p. 23; Q.O.M.S. 13561. 707-7f47, 48; Prit. p. 334-3f29; V.D. 1. 41f44;  
 ---, Witt 1385p. 25-7f7, 3; Woll. pl. 34f17, 18; Atlantic  
 City; Part. II. 74: Det. Syll. p. 1009: (Gonioteleum. ) ---  
 PROLONGATUM, Grev. - T.M.S. 13651. 56-3f29; Det. S. p. 1003:  
 POCISSII, E. - Abh. Ber. 1841. 123; Mik. 11. 13192, 93; A.O.S. 13441. 131; V.D. 1. 71;  
 K.S.A.p. 25; M.O. 13531. 67-7f43-45; Prit. p. 334; M.C. 11. 31f12; 31f13;  
 Coy. 1. 73; Woll. pls. 23f20; 34f17-19; 34f22; Atlantic City; A.O. 1. 73;  
 13911. 2f31; Det. S. p. 1009: (Navicula borealis. ) ---  
 STRIGATUM, Bailey Coll.: Det. Syll. p. 1010:  
 SZAKALENSE, Part. II. 42-30f305; Notar. 1333p. 533; Det. S. p. 1003;  
 URCEOLATUM, E. - Abh. Ber. 1841. 132; Det. S. p. 1011:  
 VITRIPONS, Brach. 13911. 29-12f5; Det. Syll. p. 1008:

GONIUM. ----- (Müller, 1786.) ---

PULVINATUM, Müller, Animale. Infus. (1786) pl. 43: (Complanata. ) ---

GOSSLERIELLA. --- (Schuett, 1892.)

TROPICA, Schuett. - De Toni, Syll. p. 1427:

GRALLATORIA. --- (Kütz., 1844.) ---

A Simple is of Syll. p. 1427: - V.D. K.S.A.p. 23; K.S.A.p. 17; Meneg. A.N.D. 1. 40. ---

GRAMMATONEMA. --- (Kütz., 1845.)

- , Meneg. A.N.D. p. 331: -, K., Phyc. Germ. p. 140:  
 STRIATULUM, Kütz., Phycolog. German. 1345, p. 140: K.S.A.p. 137:  
 (Conferve; - Frag. aurea & Jurgensii? - Grammatonema. ) ---  
 " var. " b " diatomoides, K.S.A.p. 137: (Nematoplatea caudata; -  
 Frag. diat., & striatula; - Frag. & Arthrodesmis str. ) ---

GRAMMATOPHORA. --- (Ehr., 1839.) ---

- , Amer. Nat. 1333p. 510-13f20; -, Meneg. A.N.D. 1. 473;  
 -, Archiv. Micro. Anat. 1333p. 31: -, Pfitzer 1. 121:  
 ACRIATICA, Grun. - V.H.S. pl. 53(2)f19; Villef. p. 33: (G. maxima, v. ) ---  
 AFRICANA, E. - Kreid. 13401. 72; Mik. pls. 13f33a, b; 21f27; 22f32; 35A-20f1, 2;  
 19f34a-c; Mont. Flor. Alg. p. 195; K.B.p. 129; K.S.A.p. 121; williamson p.  
 17-114-3, 3; Prit. p. 338; Weiss. Gr. p. 300-311; Grun. 13521. 41f1: (v. ) ---  
 AMBIGUA, Grun. - V.H.S. pl. 53(2)f14: (G. maxima, v. ) ---  
 ANGUINA, K.B.p. 129-17f25; K.S.A.p. 121; Prit. p. 309:  
 Hedw. Vol. 6p. 7: (G. serpentina. ) ---  
 ANGULATA, E. - Abh. Ber. 1839p. 153;  
 ANGULIFERA, Grun. : Det. Syll. p. 759:  
 " v. Australiensis, Grun., V.H.S. pl. 53(2)f5: - (G. ang. ) ---  
 ANGULOSA, E. - Kreid. 1339p. 73; Amer. pls. 1-3f11; 2-3f7; 3-7f34; Mik. pls.  
 13f33; 19f35; 21f23; K.B.p. 129-29f79; 30f79; K.S.A.p. 120; Mont. Fl.  
 Alger. p. 192; Prit. p. 303; Weiss. Gr. p. 307-2f43; Jan. Gr. p. 24-1a, f19;  
 Grun. 13521. 419; 1333p. 4; Reinhard; R.E.D. 1. 304; Algel, Baltic; Petit

arcuata, E. - Oestrup Mær. D. pl. 6 f 74: 1897 p. 34 c: Petit, Cap Horn.

1. var. antarctica, Gr. - Bot. Clbt. 1881 p. 3: Petit, Cap Horn:



- Cat. p. 33: M.T.P.I-3-21; Cat. I. 33 p. 332, f191 sub; V.H.S.I. 134; T.No. 351; Wille pl. 49 f11-13; Det. Syll. p. 759; *Petit, Cap Horn*  
 \* v. hamulifera, K.-Gran. I. 33 p. 419; R.E.D.I. 304; Det. S. p. 757;  
 V.H.S. p. 134-53 f4; (Gram. h.)  
 \* Islandica, E.-Cleve Vega p. 434; (Gram. I.)  
 \* v. maj. , Gran. I. 33 p. 419;  
 \* v. Mediterranea, Gran.-V.H.S. pl. 53 f5; Villef. p. 66; Malaisia;  
 (Gram. Islandica.)-  
 \* v. uncina, Gran.-V.H.S. pl. 53 f6; (G. inc.)--  
 ARCTICA, Cl. I. 33 p. 334-23 f1; I. 33 p. 222; Nares p. : I. 373 p. 23; Vega  
 p. 434; M.O. I. 374 p. 235-311; Reinhard; V.H.S. pl. 53 (2) f3; Gran. I. 33 p.  
 5-2 f15; Det. S. p. 752; *Oestrup 1897 p. 340: Petit, Cap Horn* (G. monilifera.)----  
 ARCUATA, E.-Amer. p. I. 33 p. 523; Mik. pl. 35A-22 f11, 12; Prit. p. 309; R.E.D.I.  
 p. 334; I. 373 p. 23; Vega p. 434; Gran. I. 33 p. 420-II f7; I. 33 p. 4; R.E.D.I.  
 305; Reinhard; Petit Cat. p. 34; Det. S. p. 753; (G. curvata.)---  
 \* var., Cl. & M. No. 294;  
 \* v. arctica, Gran.-Bot. Col. p. I. 33 p. 3, No. 7; Cl. Vega p. 434;  
 ARCUS, Brin I. 39 p. 29-I3 f4a-d; Det. S. p. 753;  
 ARENARIA, Bailey.-Lens Vol. I, p. 232;  
 ARNOTII, Gran.-V.H.S. pl. 53 (2) f4; Det. S. p. 759; (G. Mulleri, v. ?)--  
 BALBOURIANA, S.H.D. p. 43-311 33; J.P.I.D. p. 313;  
 (Diatomella; -Disiphonia Australis.)---  
 BIHARENSIS, Part. Ip. 39-30 f307-309; 31. -24 f354; Notar. I. 33 p. 534;  
 Det. S. p. 755; (G. stricta, v.)-  
 CARIBAEA, Cl. I. 373 p. 14-2 f27; Fortm. Cey. p. 55; V.H.S. pl. 53 (2) f19; Det.  
 S. p. 756; Wille pl. 49 f19; *Petit, Cap Horn* (G. macilenta, var., & unilata.)  
 CURVATA, E.-Mik. pl. 35A-22 f13; Prit. p. 309; R.E.D.I. 309; (G. arcuata.)--  
 ELONGATA, Harting Banda p. 14-2 f39; Malaisia; Det. S. p. 753;  
 EPSILON, Gran.-V.H.S. pl. 53 (2) f23; Det. Syll. p. 759;  
 FLEXUOSA, Gran.-Bot. Centblt. p. 13; Det. Syll. p. 759; Malaisia; *Reinhard*  
 \* v. delicatula, Gran.-V.H.S. pl. 53 (2) f22; (G. flex.)-  
 \* v. Hondurensis, Gran.-V.H.S. pl. 53 (2) f23; (G. flex.)-  
 \* v. Japonica, Brin & Temp. p. 71;  
 GALLAPAGENSIS, Gran.-V.H.S. pl. 53 (2) f20; (G. granulata, v.)--  
 GIBBA, E.-Amer. pl. 2-6 f8; K.B. p. 129-29 f77; K.S.A. p. 121; Breb. Verm. p. 10;  
 Prit. p. 303; I. 43, 49; Gran. I. 33 p. 415; R.E.D.I. 305; Perap. p. 74; Wille  
 pl. 49 f6, 7; Malaisia; Det. Syll. p. 751;  
 GIBBERULA, K.B. p. 129-30 f31; K.S.A. p. 121; Prit. p. 303; Gran. I. 33 p.  
 417-II f17; I. 33 p. 4; *Reinhard*; *Petit, Cap Horn*; *Reinhard*  
 1070 p. 14; V.H.S. pl. 53 f13; T.No. 354; Det. S. p. 751; *Petit, Cap*  
 HAMULIFERA, K.B. p. 123-I7 f23; K.S.A. p. 120; Prit. p. 303-I5 f22;  
 Cl. & M. No. 37; Vega p. 434; *Petit, Cap Horn* (G. hamulifera, v.)  
 \* var., H.L.Sm. Sp. T. No. 135;  
 \* v. constricta, Gran.-V.H.S. pl. 53 (2) f6; *2 forma Capensis.*  
 INDIANICA, Part. 2 p. 37-41 33; 91 33; I. 33 p. 123; Det. Syll. p. 753;  
 INCURVA, Bailey.-Lens Vol. I, p. 232; (G. marina.)----  
 INSIGNIS, Gran.-V.H.S. T. No. 31, 315 sub; Part. p. 33; Det. Syll. p. 753;  
 Botan. Centblt. I. 33 p. 324;

+ Indica, E - P. L. - 11. 11.

+ Longissima, Petit Cap Horn.

marina, Ardisson 183p. 399, no. 12.

marina,

" V. intermedia, Gn. - V.H.S. 53 f 15.

" V. nodulosa, Gn. - V.H.S. 11. 53 f 14.

v. *Doljensis*, Grun.-Pant. I. 33-25f233; 2, p. 63: Notar. I. 33p. 534;  
Bot. Syll. p. 756;

ISLANDICA, E.-Amer. p. 123; K.B. p. 129; K.S.A. p. 121: Prit. p. 303; Cl. I. 33p. 222: Nares p. : I. 373p. 24; Cl. & M. No. 23; Grun. I. 33p. 413; R.E.D. p. 303; Grevillea I. 371p. 39; Lill. I. 373p. 23; S. Sp. I. 133: Share River: V.H.S. pl. 53f7; Det. S. p. 756: *Oestrup 1897 p. 340* (G. *angulosa*, v.) -

v. *biundulata*, Grun. I. 33p. 419-II f15;

v. *hamulosa*, Grun. I. 33p. 419-III f11; Lill. I. 373p. 23;

v. *major*, Grun. I. 33p. 419; Malaisie;

JAPONICA, Grun.-V.H.S. pl. 53(2) f13: (G. *undulata*, v.) -

JAPONICA, Pant. 3p. 2. - 24f348;

LONGISSIMA, Petit Cat. p. 34-51 f1; J.R.M.S. I. 373p. 245-15 f21; V.H.S. pl. 53(2) f1; New. I. 373p. 130; Malaisie; Det. S. p. 756: *Def. 1866-1877*;

v. *Italiana*, Cast. A. I. I. I. 373p. : Grun. Long. I. 33p. 32; V.H.S. pl. 53(2) f2: Villef. p. 67: Det. Syll. p. 759;

LYRATA, Grun.-V.H.S. pl. 53(2) f21: Cl. & M. I. 32: Det. S. p. 759;

v. *Japonica*, Pant. 3p. - 24f344;

MACILENTA, S.B.D. 2p. 43-51 f32; Prit. p. 303; Breb. D.C. p. 23; Var. p. 10, f. 20; Grun. I. 33p. 415; Lill. p. 90; Lill: R.E.D. p. 304; Malaisie; Cl. I. 33p. 222; I. 373p. 14; Lill. I. 371; Reinhard; S. Sp. I. 137: Parag. p. 74: Villef. p. 66: - (G. *oceanica*, v.: - G. *marina*, v.: - G. *caribaea* & *nodulosa*.) ---

v. *subtilis*, Grun.-V.H.S. pl. 53 f13; Malaisie; Parag. p. 74;

v. *subtilissima*, Schaacht Micr. p. - If13; R.E.D. p. 304;

MARINA, K.B. p. 123-17 f24; I. 3f1; K.S.A. p. 120; S.B.D. 2p. 42-42 f314; Breb. D.C. p. : R.A. E. No. 321; Westend. No. 792; Reinhard. A. I. No. 438: R. E.D. p. 303, f31a, b; Prit. p. 303-4 f47; If52, 53; Heib. p. 71; R.D. Ex. 36;

Lill; Grun. I. 33p. 415; I. 33p. 4; Lill. Sp. I. 49; M.D. I. 12 f38; Reinhard; Jan. Gr. p. 24-26, f5; Guillard p. 30; N. & R. S. p. 71; Lill. p. 90; Edw. M. I. 2 f15; Guillard foss. p. 9-24 f10, 13; Breb. Vern. p. 10; Cl. I. 33p. 222; Petit Cat. p. 33; Table 3. p. 5; Olag. f24; D.M. Ver. : I. D. p. 315-20 f1; Reinhard; Cey. p. 54; Lanzi, I. 373p. 5; T.M.S. I. 377 - I. 37 f24; Share River: Lill. I. 371; Deby Polder p. 13; M.T.P. I-3-14 to 17; Mobile; V.H.S. p. 133;

Villef. p. 66: Wolle pl. 49 f3-10, 14-16; Malaisie; Det. S. p. 752; (Bacillaria Adriatica, Globularia & Menchuni: Diatomae speciosum, marinum, tenue, v., & latruncularium, Lyngbyei, taeniaeforme: - Conferva obliquata & taeniaeformis; - Frag. fasciata & latruncularia: - Gram. Adriatica, incurva, intermedia, Mexicana, ~~oceanica~~.) ---

var., Petit Cat. p. 33-51 f20: J.R.M.S. I. 373p. 245-15 f20;

var., V.H.S. pl. 53 f12;

v. *Balujickiana*, Grun.-V.H. Type Series 22, No. : Det. Syll. p. 756; Botan. Ch. p. I. 33p. 324;

v. *communis*, V.H.S. p. 133; T. No. 355; (G. *oceanica*, v.) ---

v. *macilenta*, V.H.S. p. 134; T. No. 353; (G. *mac.*)

v. *major*, Grun.-V.H.S. pl. 53 f10, 11;

v. *minor*, Grun.-V.H.S. pl. 53 f13;

v. *Oceanica*, forma *communis*, Grun.-V.H. Type No. 22 sub: - (Var. *communis*.)

v. " " *vulgaris*, Grun.-V.H. T. No. 356: (Var. *vulgaris*.)

+ W. simplex, J. E. C. 1885 p. 168:

+ Oceanica, E. -

+ " var. macilenta (ou stilis) Oestrup 1897 p. 340-2 f 11, 12, 19:

, " v. intercedens, Gr. Bot. Cent. 1881 p. 10. Petit, Cap. Horn:

+ ovalanensis, Bot. Cblt. 1881 p. 14: Petit, Cap. Horn:



- v. *Ovaladensis*, Grun.-DeToni, Syll. p.753: (G.Oval.)-  
 v. *subtilissima*, Grun.-V.H.S.p.164: (G.str.)-  
 v. *subundulata*, Grun.-V.H.S.pl.53(2)f10: DeT.Syll.p.753;  
 v. *tropica*, Grun.1362p.415; 1334p.5; V.H.S.pl.53f9: T.No.352:  
 Malaisie; (G.trop.)--  
 v. *vulgaris*, Grun.-H.V.H.S.p.163: (G.Oceanica, var. v.)-  
 MAXIMA, Grun.1362p.416-3f5; 1334p.4; R.E.D.p.305; V.H.S.pl.53(2)f11:  
 O'M.Kerg.: Wolle pl.49f26; Pant.2p.68: Trian 1335p.63-3f11: +  
 v. *ambigua*, Grun.-DeT.Syll.p.754: (G.amb.)--  
 v. *Adriatica*, Grun.-DeT.Syll.p.754: (G.Adr.)--  
 v. *Magellanica*, Grun.-V.H.S.pl.53(2)f13:  
 v. *trinitatis*, Grun.-Bot.Cat. 1334p.7, 1.3: Cl.Vega p.501:  
 DeT.Syll.p.754;  
 MEDITERRANEA, E.-Abh.3.1344p.33: -(G.serpentina; -Striatella taeniaeformis)  
 MEXICANA, E.-Amer.pl.3-7f32; Mont.pl.1.192; K.3p.123-13f(3):  
 29f37: K.S.A.p.120; Prit.p.303; V.H.S.pl.53(2)f11: Wolle pl.49f  
 24, 25: *Petit, Cap Horn*. -(G.marina & tropica; -Striatella taeniaeformis, v.)-  
 MINIMA, Grun.1362p.413-7f13; DeT.Syll.p.753; R.E.D.p.304;  
 MONOLIPERA, Brun & Temp.p.33-7f9; DeT.S.p.752:  
 Pantoc.3p. -1f173: (G.Arctica.)---  
 v. *linearis*, Brun 139Ip.29-13f2; DeT.Syll.p.752;  
 MORONENSIS, Grev.-M.J.1363p.229-9f5; R.E.D.p.305; DeT.S.p.751:  
 v. *japonica*, Brun 139Ip.30-13f3; DeT.S.p.751:  
 MULLERI, Grun.-V.H.S.pl.53f19: DeT.S.p.759: (G.Arnottii, var.)-  
 NICOBARICA, E.-Mik.p.165; DeT.Syll.p.759:  
 NODOSA, E.-Abh.Ber.1354p.313; DeT.S.p.759:  
 OCEANICA, E.-Abh.3.1340p.151; Krida.1340p.73; Amer.pls.1-1f13; 1-3f  
 10, 33: 2-3f5, 6; Mg.pls.13f37a; 19f36a, b; 33-14f15; 35A-16f5; 39-3f  
 72; Bailey So.p.14, f59; Grun.1362p.417; 1334p.4: 1376p.25; T.E.S.p.  
 303; Weiss Gr.p.307-2f44: Cl.1373p.23; Vega 11.434, 503, 501: 139Ip.  
 35: Lagr.1376p.23; Darrf.1.45; M.T.P.1-3-19, 20; Fritsch & W.No.19:  
 Perag.p.74; Pant.1p.33-17f153; 2, p.68: DeT.Syll.p.755: *Bacillaria*  
 (Bacillaria Adriatica & marina; -G.marina.)--  
 v. *Indica*, Grun.-V.H.S.pl.53(2)f15:  
 v. *intermedia*, Grun.-Haw.Vol. (1337)p.7: DeT.S.p.755:  
 v. *macilenta*, Grun.1362p.413; Lagr.1376p.23; DeT.S.p.755: -(G.mae.)---  
 v. *major*, Grun.1362p.417:  
 v. *nodulosa*, Grun.-DeT.Syll.p.755: (G.nod.)--  
 v. *Novae-Zelandiae*, Grun.-V.H.S.pl.53(2)f13: *DeT.Syll.p.755*  
 v. *subtilissima*, Bailey.-Pant.1p.33-16f142; DeT.Syll.p.755:  
 Schacht Micr.p. -1f13; (G.sibb.)-  
 OVALAUENSIS, Grun.-V.H.S.pl.53(2)f24, 25: + (G.marina, v.)---  
 PARALLELA, E.-Abh.3.1347p.443; A.S.S.1351, f11: Mik.pls.13f39, 40: 1f1  
 26a-d; 22f63a, b; 33-14f16; 35A-20f3; 39-3f73; Prit.p.303; Grun.1362,  
 p.417; R.E.D.p.305; Fortm.Cey.p.55: Carp.133Ip.363, f191: DeT.Syll.  
 p.754; *Abh.3.1344p.70* (G.stricta & tabellaria.)  
 v. *fossilis*, Grun. DeT.Syll.p.754; -(G.stricta, var.)

+ See Tina, Carp. 1891, f 403: . . .

PERPUSILLA, Grun.-V.H.S.pl.53(2)f8:

PERUANA, E.-Jan.Gu.p.24-2a, f7; Jan.& R.p.3-21b; R.E.S.p.127;

Det.Syll.p.756:

PUSILLA, Grev.-Transac.Botan.Soc.Edinburgh 1363p.574-13f15;

Det.Syll.p.753:

" v.Scotica, Grun.-V.H.S.pl.53f8; Det.S.p.753:

PUIGGARIANA, Grun.-V.H.S.pl.53f17; Det.S.p.759:

ROBUSTA, E.-A.Ber.1344p.203; Dippel Prob.p.23-319-13; Grun & Lamf.,  
p.71; Pant.Ip.39-30f312, 315, 316; 2, p.68:

" v.gracilis, Pant.2p.68-21f320, 322; Det.S.p.759:

" v.minor, Grun.-V.H.Type No.545; Det.Syll.p.759:

SERPENTINA, E.-A.Ber.1344p.203; Mik.pl.35A-22f14; K.B.p.129-21f12; K.  
S.A.p.121; Mathieu; S.B.D.2p.43-42f315; Front.; Breb.D.C.p. : Grun.  
1362p.420; 1363p.1; Prit.p.303-4f13; Jan.Gu.p.24-1a, 133; R.E.S.p.  
301, 131e; Jan.& R.p.3-113; Call.p.90; Grac.Van.p.10, 119; Grunard 1361  
p.10-113; Grunard p.33; Cl.1353p.222; Flg.pl.Baltic; D.M.War.; I.O.  
p.315-29f12; Hall; N.& R.S.p.71; Petit Cat.p.34; Table Bot p.3; Fortm.  
Cey.p.55; Shark River; Grun.1370p.23; Call.1331p.315, 114; V.H.S.p.  
131-50f1-3; 1.350; Parag.p.74; Villef.p.33; Wille pl.49f1, 20-25; Det.  
Syll.p.757; Malaisie; Wm.1381p.63-71;

(G.anguina & Mediterranea; -Striatella taeniaeformis, "g".)-p

" var., Kain & Sch.-T.B.C.1339p.75:

" v.bimaculata, Grun.1362p.420:

" v.hamulifera, Grun.1362p.420;

" v.macilenta, Grun.1362p.420;

STRICTA, E.-Amer.119.1-1f2; 3-7f31; Abh.3.1370p.1.2-1f43; K.B.p.129-  
29f75; K.S.A.p.121; Prit.p.303; Weiss G.1.303-2f43; R.E.S.p.127;  
Sm.Sp.1.371; Witt 1333p.15-3f7-14; Grun & Lp.p.71; Malaisie; Wille,  
pl.49f17, 13:

(G.parallista & trochilaria.)---

" var., Castr.1337p.57-29f12:

" v.Biharensis, Pant.Ip.39-30f307-309; 2, p.37:

" v.fossilis, Grun.-Pant.Ip.39-26f239; Notar.1333p.534: -(G.parallelay

SUBTILISSIMA, Bailey.-Prit.p.309; Lewis, N.& R.S.p.71; Flgel, Baltic;

Sm.Sp.1.190; Fritsch & H.No.10; Shark River; Amer.Nat.p.113 (1353):

(Gram.marina, var.)-

TABELLARIA, E.-Mik.pl.13f39, 90; R.E.S.p.305;

TABELLARIIS, Brun 139Ip.30-13f1; Det.Syll.p.752;

TAENIAEFORMIS, williamson p.17-1f7, 9:

TROPICA, K.B.p.128-30f71; K.S.A.p.120; Prit.p.303; R.E.S.p.305; Cl.

& M.66; Grun.1334p.5; (G.marina, var., & Mexicana.)---

UNCINA, Fortm.Cey.p.55-5f30; (G.angulosa, v.)

UNDULATA, E.-Abh.3.1340p.151; Wille.1340p.75; Amer.119.3-7f35; Mik.

pls.13f37b; 19f37; K.B.p.129-29f68; K.S.A.p.121; Prit.p.309; Jan.Gu.

p.25; Grun.1362p.413-7f15; 1363p.4, 60; Grac.Van.p.10; R.E.S.p.311;

Petit Cat.p.34; Fortm.Cey.p.55; Cl.1373p.11; Vag.1.303; Pant.1.68;

Wille pl.49f3-5; Malaisie; Det.S.p.753;

(G.Caribaea, Gallapagensis & Japonica.)-

1)-  
Grinowicella.

grinate, ... - L. f. vol. 2, n. 16 p. 79.

[Sceptroneis]

Guinardia.

+ flaccidia, cl. 1897 p. 23: Katt. 1889 p. 54: - (Pyxilla Ballica Balt., Hensen)



- " v. Gallapagensis, Grun.-Det. Syll. p. 754: (G. Gall.)-  
 " v. Japonica, Grun.-Det. S. p. 754: (G. Jap.)--  
 " v. gibba, Grun.-V.H.S. pl. 53(2) f17; Cl. Vega p. 501: Villef. p. 37:  
 UNDULOSA, Petit Cat. p. 34:

## GRAMMONEMA.----- (Agardh, 1832.)

- JURGENSII, Ag. Cons. p. 63: A.M.N.H. 1344 p. 449-145; 1345 p. 171-195; R.  
 E.D. p. 124, f33; Prit. p. 773-15 f24, 25; Carr. p. 30: Grun. 1363 p. 3; Eiben,  
 1871:-(Conferva; -Frag. aurea, arcuata, diatomoides & s.: -G. striatulum.)  
 " v. diatomoides, Grev.-R.E.D. p. 123:-(Fragill. n.: -G. striatulum.)----  
 STRIATULUM, Ag. Cons. p. 63; Grun. 1363 p. 3; Cl. 1373 p. 23; Vega p. 434; Sm.  
 Sp. 1. 372; A.J.H. 1377 p. 150; Det. Syll. p. 595:-(Art. 1363 p. 12; -Frag.  
 aurea, Carmichaelii & s.: -Grammatonema; -G. diatomoides & s. (Agardh))---  
 Oestrup 1897 p. 338: Cl. & M. # 19;

## GRAYIA.----- (Grove &amp; Brun, 1892.)-

- ARGONAUTA, Grove & Brun.-Atlas pl. 172 f11: Det. Syll. p. 937:

## GRADIA.----- (G. Brun, 1892.)

- PEDALIS, A.S., Atlas 149 f13: (Biddulphia f.)

## GRUNOWIA.----- (Rabh., 1864.)-

- > SINUATA, Rabh. E.D. p. 146; Cl. 1363 p. 263; Brun Alp. p. III-3 f32; Delogne;  
 Malaisie: (Denticula; -Mucrogratia; -Nitzschia; -Laminaria.)-  
 TABELLARIA, Rabh. E.D. p. 146, f46; Brun Alp. p. III-3 f31; Delogne:  
 Perag. p. 66: (Denticula; -Nitzschia.)  
 " v. ovata, Brun, Alp. p. III-3 f31a; 912:

## GRYMIA.----- (Bailey, ?)-

- , J.W. Bailey, MSS.:-(Ditylum.)

## GUINARDIA.----- (Peragallo, 1872.)-

- BLAVYANA, Perag.-LeD. No. 9, p. 107-13 f2; Det. Syll. p. 323:  
 " v. constricta, Perag.-LeD. No. 9, p. 107-13 f1; Det. Syll. p. 322:  
 + FLACCIDA, Perag.-LeD. No. 9, p. 107-13 f3-5; Det. Syll. p. 325: (Laminaria  
 (Laminaria sinuata, v. maxima; -Rhizosolenia f. & Castellanii, Grun.)

## GUTWINSKIELLA.----- (De Toni, 1894.)-

- CIRCULARIS, Brun.-Det. Syll. p. 1324: (Cotylodon c.)-  
 CLYPEUS, Brun.-Det. Syll. p. 1324: "  
 CORONALIS, Brun.-De Toni, Sylloge p. 1324: "

## GYRODISCUS.----- (Müll., 1885.)-

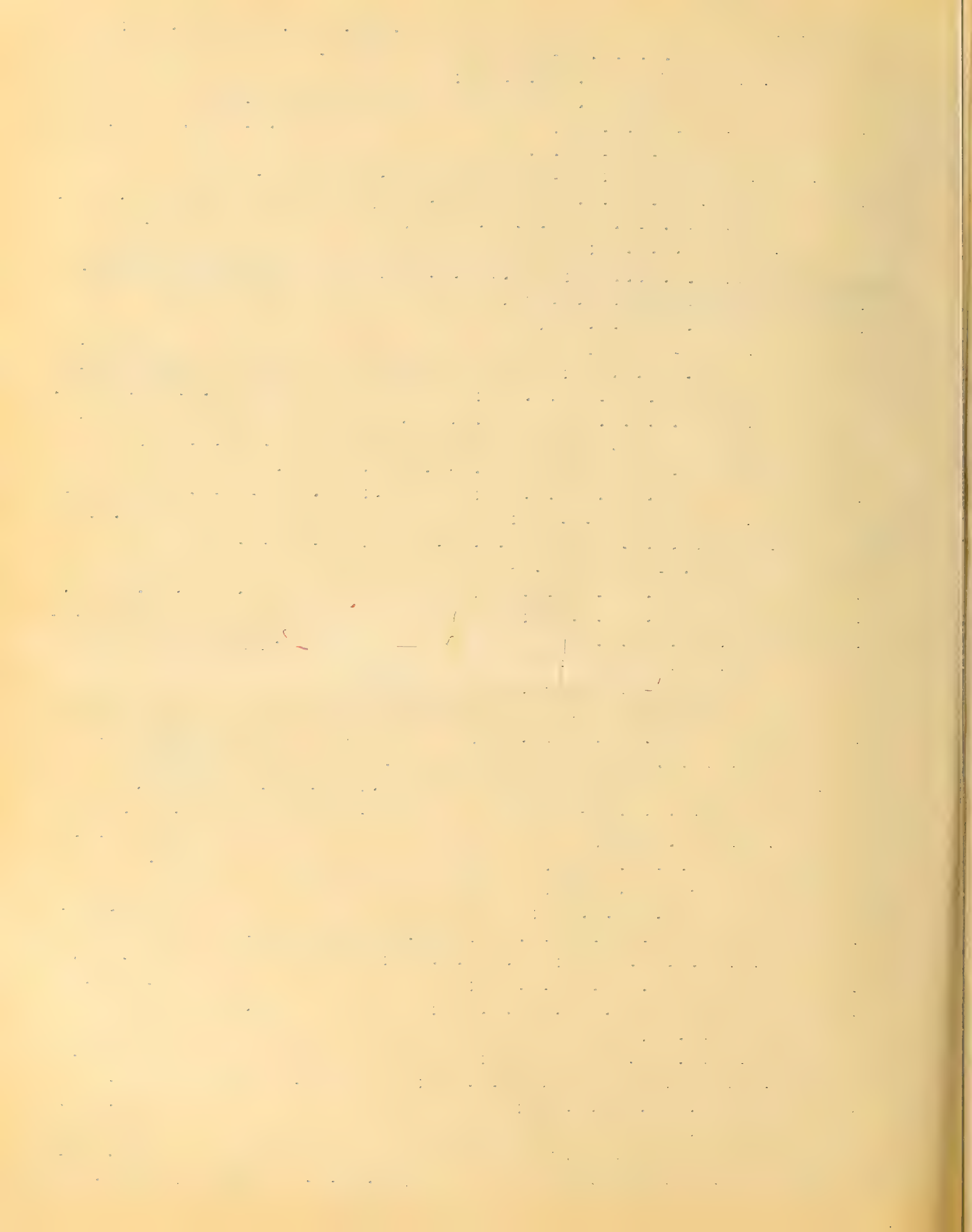
- HUNGARICUS, Pant. 2 p. 75-9 f137: Det. Syll. p. 1012:  
 VORTEX, Witt 1333 p. 23-913; Pantoc. 2, p. 73: Sp. -2410:  
 Det. Syll. p. 1012: 20 f. 213

## GYROPTYCHUS.----- (A. Schum., 1889.)-

- CONTABULATUS, A.S., Atlas 149 f19: Det. Syll. p. 1426:

+ arcticum. Cl. - Oestrup 1897 p. 314.

- , R.S.D.p.47: Archiv.Med.Anat. 1866 Nos. I, 2:  
 ACUMINATUM, K.-Rabh.S.D.p.47-5f5a; Weisse 1864p.361-4f33; Hoffmann,  
 Marburg; M.D.pl.IIf14; Cl.Nav.p.II4:  
 (Fristulia; -Pleurosigma a., lacustre & Transylvanicum)  
 " v. curta, Grun.-Cl.Nav.p.II4: (Pleur.a., var. curta.) ----  
 " v. Brebissonii, Grun.-Cl.Nav.p.II4;  
 (Pleur.Breb., & scalprum; -Pl.Balticum vars. "g" & Breb.) -  
 " v. Gallica, Grun.-Cl.Nav.p.II4; -(Pleur.Gallicum & scalproides v.Gall.)  
 AESTUARIUM, Breb.-R.S.D.p.47; M.D.pl.IIf35: (Pleur.a.)  
 AGELLUS, E.-Rabh.S.D.p.47: (Pleurosigma.) -  
 ANGULATUM, E.-M.D.pl.IIf32: -(Pleur.) ( ) --  
 ANGUSTUM, Donk.-Cl.Nav.p.I20: (Donkinia; -Pleur.) --  
 " v. Simatiana, Cl.Nav.p.I20: (Pleur.) --  
 APULUM, Rabh.S.D.p.47-5f7: *achuanthes thing.?* (Pleur.) --  
 AUCHIUM, Grun.-Cl.Nav.p.II9: -(Donkinia subflexilis; -Pleur.) --  
 " v. irregulare, Perag.-Cl.Nav.p.II9: (Pleur.a. var. irreg.)  
 ATTENUATUM, K.-Rabh.S.D.p.47-5f2; M.D.pls.IIf17; IIf15; Weisse 1860p.  
 359-3f42; Macdonald pl.IOf26; Hoffmann, Marburg; Cl.Nav.p.II5:  
 (Fristulia; -Pleur. hippocampus; -Pl.att., var. Caspia.) ---  
 " v. scalprum, Gaillon.-Cl.Nav.p.IIf6: -(Navic.: -Pl.acum., W.S., & Kochii.) -  
 BAILEYI, Grun.-Cleve Navic.p.II4: (Pl.B.) ---  
 BALTICUM, E.-Rabh.S.D.p.47-5f6; M.D.pl.IIf10; Cl.Nav.p.II3;  
 (Navicula; -Pleur.B. & macron.) ---  
 " v. Californica, Grun.-Cl.Nav.p.II9: (Pl.Balt., v. Calif.) -  
 " v. similis, Grun.-Cl.Nav.p.II9: (Pleur.s.)  
 " v. Sinensis, E.-Cl.Nav.p.II9: -(Navicula; -Pl.S., var. Calcuttensis.)  
 COMPACTUM, Grev.-Cl.Nav.p.I20:  
 (Donkinia antiqua & c.: -Pleur.Smithianum;  
 Rhoicosigma Antillarum, c., Corsicanum, oceanicum, Reichardtianum.) --  
 " v. constricta, Grun.-Cl.Nav.p.I20: (Rhoicosigma c.)  
 CURVULA, Rabh.S.D.p.47-5f3; Weisse 1860p.359, 361-3f44;  
 1864p.361-4f37; Hoffmann, Marburg; -(Pleur.: -Pl. & G. Spencearii.) --  
 CUSPIDATUM, Rabh.S.D.p.47-5f5b; (Pl.acuminatum, var. & c.) -  
 DECORUM, *W.S.* -M.D.pl.IIf26: (Pleur.a.) --  
 DELICATULUM, *W.S.* -M.D.pl.IIf32: (Pleur.a.) -  
 DIAPHANUM, Cleve Navic.p.II5:  
 DIMINUTUM, Grun.-Cl.Nav.p.II9: (Pl.aim.) -  
 " v. constricta, Grun.-Cl.Nav.p.II9: -(Pl.Biharense, c., & Reversum.) ---  
 DISTORTUM, W.S.-M.D.pl.IIf20; Cl.Nav.p.II6: (Pl.ais.) --  
 " v. Parkeri, Harrison.-Cl.Nav.p.II6: (Pl.Park.) ---  
 " v. stauroneoides, Grun.-Cl.Nav.p.II6: (Pl.Parkeri v. staur.)  
 DUBIA, Rabh.S.D.p.47: (Pleur.) --  
 ELONGATUM, *W.S.* -M.D.pls.IIf18; IIf31: (Pl.el.) --  
 FASCIOLA, E.-M.D.pl.IIf21; Cl.Nav.p.II6: (Pl. & Ceratoneis f.)  
 " v. arcuata, Donk.-Cl.Nav.p.II6: (Pl.arc.) -  
 " v. sulcata, Grun.-Cl.Nav.p.II6: (Pleur.s.)  
 " v. tendirostris, Grun.-Cl.Nav.p.II6: *Staur.* 877p.313: (Pl.ten.) -  
 FRIGERII, Grun.-Cl.Nav.p.II6: (Pl. & Spencearii, var. & c.) ---





- FORMOSUM, *N.* -M.D.pl.IIf25: (Pleur. *sigma* f.)  
 GLACIALE, *Cl.* Nav.p.II5: (Pl. & Rhoicosigma g.)---  
 GROVEI, *Cl.* Navic.p.II3: (Pl. *Grovei*.)---  
 HASSALLI, *Rabh.* S.D.p.47-5fI: *weisse* 1860p.359-3f4I; 1864p.107-  
 IIf13; *Littoralis*, *Var.* (Nav. *sigma*; -Pl. *donkinia*, *Cl.* Nav.)-  
 LITTORALE, *Cl.* -Hassall *Alg.* p.433-1021II: *R.S.D.* p.47-5f3; *M.D.* pl.  
 IIf36; (Nav.: -Pleur.)-  
 INTERMEDIUM, *N.* -M.D.pl.IIf36: (Pleur. i.)---  
 KUTZINGII, *Gran.* -Cl. Nav.p.II5: (Pleur. *gracilentum*, *K.*, &  
*wormleyi*:-Pl. *Spencerii* vars. *acutiuscula* & *K.*)---  
 LACUSTRE, *N.* -M.D.pl.IIf13: (Pl. *lac.*)-  
 LAMPROCAMPA, *N.* -R.S.D.p.47-5f9: *weisse* 1860p.359-3f43:- (Nav.: -Pleur.)  
 LITTELLII, *Gran.* -Cl. Nav.p.II2: (Pleur. *litellii*.)-  
 " *v. longissima*, *Cl.* Nav.p.I20: (Donkinia & Pl. *long.*)  
 LITTORALE, *W.S.* -M.D.pl.IIf19; *Cl.* Nav.p.II3: (Pl. *lit.*)-  
 MACRUM, *W.S.* -M.D.pl.IIf22; *Cl.* Nav.p.II7: (Pleur. *m.*)---  
 MEDITERRANEUM, *Cl.* Nav.p.I2I: (R'digma *M.*)  
 " *v. calcarea*, *Brn.* -Cl. Nav.p.I2I:  
 " *v. Chinensis*, *Cleve* Nav.p.I2I:  
 NAVICULACEUM, *N.* -M.D.pl.IIf37, 38--Edition 1854:- (Pl. *nav.*)-  
 OBLONGUM, *N.* -M.D.pl.IIf27: (Pl. *obl.*)  
 PROLONGATUM, *N.* -M.D.pl.IIf25; *Cl.* Nav.p.II7: (Pl. *prol.*)  
 " *v. closterioides*, *Gran.* -Cl. Nav.p.II7: (Pleur. *pro.*, var. *clost.*)--  
 PLAGIOSTOMUM, *Gran.* -Cl. Nav.p.II3: (Pl. *p.* & *Sciotense*.)  
 QUADRATUM, *W.S.* -M.D.pl.IIf34: (Pl. *q.*)---  
 RECTUM, *Donk.* -Cl. Nav.p.II9: *oestrup* 1897p.314:  
 (*Amphiptora* *Ralfsii*; -Pl. *Lorenzii*; -Pl. & *Donkinia* r.)---  
 " *v. intermedia*, *Per.* -Cl. Nav.p.I20: (Donk. r., var. *int.*)--  
 " *v. minuta*, *Donk.* -Cl. Nav.p.I20: (Donk. & Pl. *min.*)  
 " *v. Thumii*, *Cl.* Nav.p.I20: (Donkinia)  
 RIGIDUM, *N.* -M.D.pl.IIf30: (Pl. *rig.*)-  
 ROBUSTUM, *Gran.* -Cl. Nav.p.I2I: (Pleur.: -Rhoicosigma.)---  
 " *v. inflexa*, *Per.* -Cl. Nav.p.I2I: (Rhoicos. *inf.*)-  
 SCALPELLUM, *Rabh.* S.D.p.47-5f10: (Pleur. *s.*)  
 SCALPROIDES, *Rabh.* -Cl. Nav.p.II3: (Pleur. *s.*:-Pl. *Spencerii*, *v. scal.*)---  
 " *v. eximia*, *Thw.* -Cl. Nav.p.II3:- (*Colletonema*; -*Endosigma*; -Pleur. *sigma*.)-  
 " *v. obliqua*, *Gran.* -Cl. Nav.p.II3: (Pleur. *s.*)  
 SPECIOSUM, *N.* -M.D.pl.IIf23: (Pleur. *s.*)  
 SPECTABILE, *Gran.* -Cl. Nav.p.II3: (Pl. *spec.*)  
 SPENCERII, *N.* -M.D.pl.IIf17; *Cl.* Nav.p.II7:  
 (Pleur.: -Pl. *S.*, vars. *Arnottii*, *Antillarum*, *borealis*, *curvula*, *Smithii*.)--  
 " *v. exilis*, *Gran.* -Cl. Nav.p.II7: (Pleur. *S.*, *v. exilis*.)  
 " *v. minutula*, *Gran.* -Cl. Nav.p.II7: (Pl. *S.*, var. *min.*)  
 " *v. nodifera*, *Gran.* -Cl. Nav.p.II7:- (Pleur.: -Pl. *S.*, var. *nod.*)--  
 STRIGILE, *W.S.* -M.D.pl.IIf12; *Cl.* Nav.p.II5: (Pleur. *s.*)  
 " *v. Capensis*, *Petit.* -Cl. Nav.p.II5: (Pleur. *C.*)-  
 " *v. Smithii*, *Gran.* -Cl. Nav.p.II5: (Pleur. *S.*)  
 " *v. tropica*, *Gran.* -Cl. Nav.p.II5: (Pleur. *t.*)

Nalamphora

Subgenus Amphoral: Vide Cl. 2p. 117: 1893.

- STRIGOSUM, *Wm.* -M.D.pl.IIf29: (Pleur. *strigosa* s.)----  
 TENUISSIMUM, *Wm.* -M.D.pl.IIf24: Cl.Nav.p.IIf7: *Oestr.* 1897p.314:-(Pl. *ten.*)--  
 " v. hyperborea, *Grün.* -Cl.Nav.p.IIf7: (Pleur. *ten.* v. *hyp.*)--  
 " v. subtilissima, *Grün.* -Cl.Nav.p.IIf7: (Pl. *ten.* var. *s.*)-----  
 TERRYANUM, *Perag.* -Cl.Nav.p.IIf4: (Pl. *ter.*)--  
 THURINGIACA, *Reff.* -Rabh.S.D.p.47-5f4: (Pleur. *th.*)  
 TRANSVERSALE, *Wm.* -M.D.pl.IIf37,33:???: (Pleur. *tr.*)  
 WANSBECKII, *Donk.* -Cl.Nav.p.IIf9:-(Pleur. *w.*, & *Balticum* "b".)----  
 " v. Peisonis, *Grün.* -Cl.Nav.p.IIf9: (Pl. *Spencerii*, v. *P.*)--  
 " v. subsalina, *Perag.* -Cl.Nav.p.IIf9: (Pl. *Sl.*, var. *sub.*)---

# HALIONYX.----- (*Ehr.*, 1844) - *Mon.B.* 1844 p. 198

- BISENARIUS, *E.* -Jan. Guano p. 26: *A.I(A)*, f6: (Error in print - in *sc.*)  
 DENARIUS, *E.* -Janisch Gu.p.26:  
 DUODENARIUS, *E.* -*Mon.* Ber. 1344p. 186; K.S.A.p.120: (H. *duodenarius* s.)--  
 NONARIUS, *E.* -Jan. Guano p.25: (Actinophænia *splendens*)  
 OCTONARIUS, *E.* -Jan. Gu.p.25: (Actinopt. *splendens* & *sedenarius*.)--  
 QUINARIUS, *E.* -Jan. Gu.p.25: (A' *cyclis*. q.)--  
 SENARIUS, *E.* -*Mon.* B. 1344p.203; K.S.A.p.130: Prit.p.333; Jan. Gu.p.25: *af6*:  
 SEPTENARIUS, *E.* -Jan. Gu.p.25: (Actinopt. *s.*)--  
 SPLENDENS, *E.* -Abh. Ber. 1344p.203: (Actinophænia; -Actinopt.)----  
 UNDENARIUS, *E.* -Mik. pl.35A-2If12; M.D.pl.43f5; Prit.p.333-5f32; Jan. Gu.p.26-If1: (H. *duodenarius*; -H. *splendens*, var.)---  
 VICENARIUS, Janisch Guano p.26-If2: (Actinoptychus *Janischii*.)--

# HANTZSCHIA.----- (*Grien.*, 1880.)-

- ABYSSINICA, *Grün.*, Martelli, Bogosensis p.153-If6; Notar. 1336p.193; Det. Syll.p.563;  
 AMPHIOXYS, *E.* -(Grün.), Cl. 1330p.103; 1331p.10; Vega p.431; 1391p.31; V. H.S.p.168-56f1,2; T.No.367; Lake Mich.: Grün. 1334p.47; Wollé pl. 51115-17; J.L.S. 1334p.245; *Malaise*; Det. S.p.561; *Malaise* p.163: (Eunotia; -Nitzschia a., W.S.) - *A.G.L.* 1895p.26:  
 " v. amphilepta, *Grün.* -Cl. 1330p.103; M.J. 1330p.397-12f3; Grün. 1334p. 48; Det. S.p.563; (Eunotia a.)--  
 " v. arenicola, *Grün.* 1334p.43; Det. S.p.562;  
 " v. Borneensis, Cleve Vega p.501:  
 " v. Brasiliensis, *Grün.* 1334p.47; Cl. 1330p.103; Amazon; Det. S.p.562;  
 " v. Californica, *Grün.* 1334p.47; Cl. 1330p.103; Vega p.492;  
 " v. Capensis, *Grün.* 1334p.47; Cl. 1330p.103; Det. S.p.562;  
 " v. capitellata, *Grün.* 1334p.43; Cl. 1330p.103; Det. Syll.p.562;  
 " v. Dubravicensis, *Grün.* 1334p.43; *5637,8*: (Hantzschia B.)  
 " v. elongata, Cl. 1331p.11; V.H.S. p.169-56f3; Det. S.p.562; *Malaise* p.163: (Hantzschia B.)  
 " v. erythroea, *Grün.* 1334p.47; Det. S.p.562;  
 " v. hyperborea, *Grün.* 1334p.47-If59; Det. Syll.p.562;  
 " v. intermedia, *Grün.* 1334p.43; V.H.S. p.169-56f3; Det. S.p.562; *Malaise* p.163: (Hantzschia B.)  
 " v. major, *Grün.* 1334p.43; V.H.S. p.169-56f3, II; Det. S.p.563; Herib. p.162:  
 " v. Parnassiensis, *Grün.* 1334p.43; (Hantzschia P.)

Helicodiscus.  
Horn River, 1847.



- \* v. rupestris, Grun. I334p.48; Cl. I330p. I03; Det. S. p. 562; (Hantzsch.)  
 \* v. Uticensis, Grun. I334p.47; Det. Syll. p. 562;  
 \* v. vivax, Grun. I334p.43; Cl. I330p. I03; Vega p. 43I; V.H.S. p. I69-56f  
 5, 6; T.No. 338; U.L.S. I334p. 245; Lake Michigan; Det. S. p. 562; 1911.  
 p. I62: (Nitzschia v., Hantzsch.)-  
 \* v. xanthophylla, Grun. I334p. 47; Det. S. p. 561;  
 AMPHOROIDES, Grun.-Cl. I330p. I04: (Nitzschia.)-  
 CUBRAVICENSIS, Grun. I334p. 47; Det. S. p. 561; (Hantzsch.)-  
 ELONGATA, Grun.-Cl. I330p. I04; I39I. 6I; Det. Syll.  
 p. 563: (Eunotia Dianae; -H. amphioxys, v.: -Nitzschia.)-  
 HYALINA, Grun. I334p.48; V.H.T. No. 9 sub; Det. S. p. 565:  
 MARINA, Donk.-Grun.-Cl. I330p. I05; Vega p. 43I; Pritchardia p. 56;  
 V.H.S. p. I69-56f I4; T. 339; Shark River; Det. Syll. p. 564:  
 (Euphemia; -Ep. & Nitzschia raula.)---  
 PETITIANA, Cl. & M. No. 292: (Nitzschia P.)  
 PERNAMBUCENSIS, Grun. I334p.48; Det. S. p. 565: (H. amphioxys, v.)---  
 RUPESTRIS, Grun.-V.H.S. p. I. 56f 9, I0: (H. amph., var.)-  
 VIRGATA, Roper.-Cl. I330p. I04; Vega p. 50I; I39I. 6I; Det. Syll. p. 563;  
 V.H.S. p. I69-56f I2, I3; (Nitzschia; -Pritchardia.)  
 \* v. dorsalis, Grun.-Cl. I330p. I04-56f I0; Vega p. 43I; Det. S. p. 561;  
 \* v. intermedia, V.H. Type No. 370:  
 \* v. Kalliana, Grun.-Cl. I330p. I04-56f I0; Vega p. 43I; Det. S. p. 561;  
 \* v. Wittii, Grun.-Cl. I330p. I05;  
 Det. Syll. p. 564: (Hantzsch.)-  
 VIVAX, Hantzsch.-V.H. Type I3 sub; (Nitzschia.)  
 WEYPRECHTII, Grun. I334p. 55-If 60; Cl. I330p. I04; Vega p. 43I;  
 Det. S. p. 563: (Nitzschia.)---  
 WITTHII, Grun.-M.M.J. I330p. 397-I3f I3:

## HAYNALDIA.----- (Pantocsek, 1889.)-

- ANTIQUA, Pant. 2p. I20: (Coscinoideus striatellatus; -Haynaldiella.)--

## HAYNALDIELLA.-- (Pantocsek, 1893.)

- ANTIQUA, Pant. 3p. -32f 457: Det. S. p. I3II: (Haynaldia a.)-

## HEIBERGIA.----- (Grev., 1865.)-

- BARBODENSIS, Grev.-T.M.S. I337p. I00-313, 9; M.D. p. I. 43I4;  
 (Entogonia biargulata & distans; -Ent. Davyana, v.)-

## HELIOPELTA.----- (Ehr., 1844.)-

- , Girard Boss. p. II-If 23; -, Sci. Goss. I333p. I3:  
 DOLLONDII, E.-Mik. p. 259: (H. Ehrenbergii, I6 compartments.)--  
 EHRENBURGII, Ralfs.-Prit. p. 340; Sm. Sp. p. I. 9I; Carp. I33I. I. If 3; A.M.M.J.  
 I893p. 330 cum icone: (Heliopectae, species Jones.)-  
 EULERI, E.-Abh. Be. I344p. 263; W.S.A. p. I32; Mik. p. I. 33-I3f 3;  
 Prit. p. 34I: (H. Ehrb., I2 comp.)  
 LOEWENHECKII, E.-Abh. B. I344p. 263, f9; Mik. p. I. 33-I3f 5; A.J.S. I343p. 324-  
 4f "A": W.S.A. p. I32; Prit. p. 34I; M.D. p. I. 9f 4; Sci. Goss. I377p. 35; A.  
 M.M.J. I332p. I97: (H. Ehrb., I0 comp.)

Helminthiasis.  
H. V. H. 1892. —

METII, E. - Abh. B. I344p. 268; K.S.A.p. I32; Prit. p. 341-Iff35; Edw. N. 4.  
 pl. 2ff17; Sci. Goss. I377p. 65: (H. Ehrb., 10 comps.)  
 MULLERI, E. - Mik. p. 259: (H. Ehrb., 20 comps.)  
 NITIDA, Grev. - T.M.S. I360p. 5-2ff13; Woll. pl. 7ff4; A.M.N.H.  
 I39Ipl. 2ff46; (Actinoptychus.) ----  
 PERFORATA, O'M. - M.J. I377p. 300, 463;  
 PHAETHON, Johnson. - M.J. I360p. I3, I3: (Actinopt. undulans.) --  
 POLYOTON, E. - Mik. p. 259: (H. Ehrb., 3 comps.) --  
 SELLIGUEII, E. - Abh. B. I344p. 268; K.S.A.p. I32; Prit. p. 341;  
 STODDERI, Christian in litt.: (H. Ehrb., 14 comps.)  
 SUPERBA, Christian in litt.: (H. Ehrb., 13 comps.)

## HEMIAULUS.----- (Ehrb., 1844, memb. p. 203:

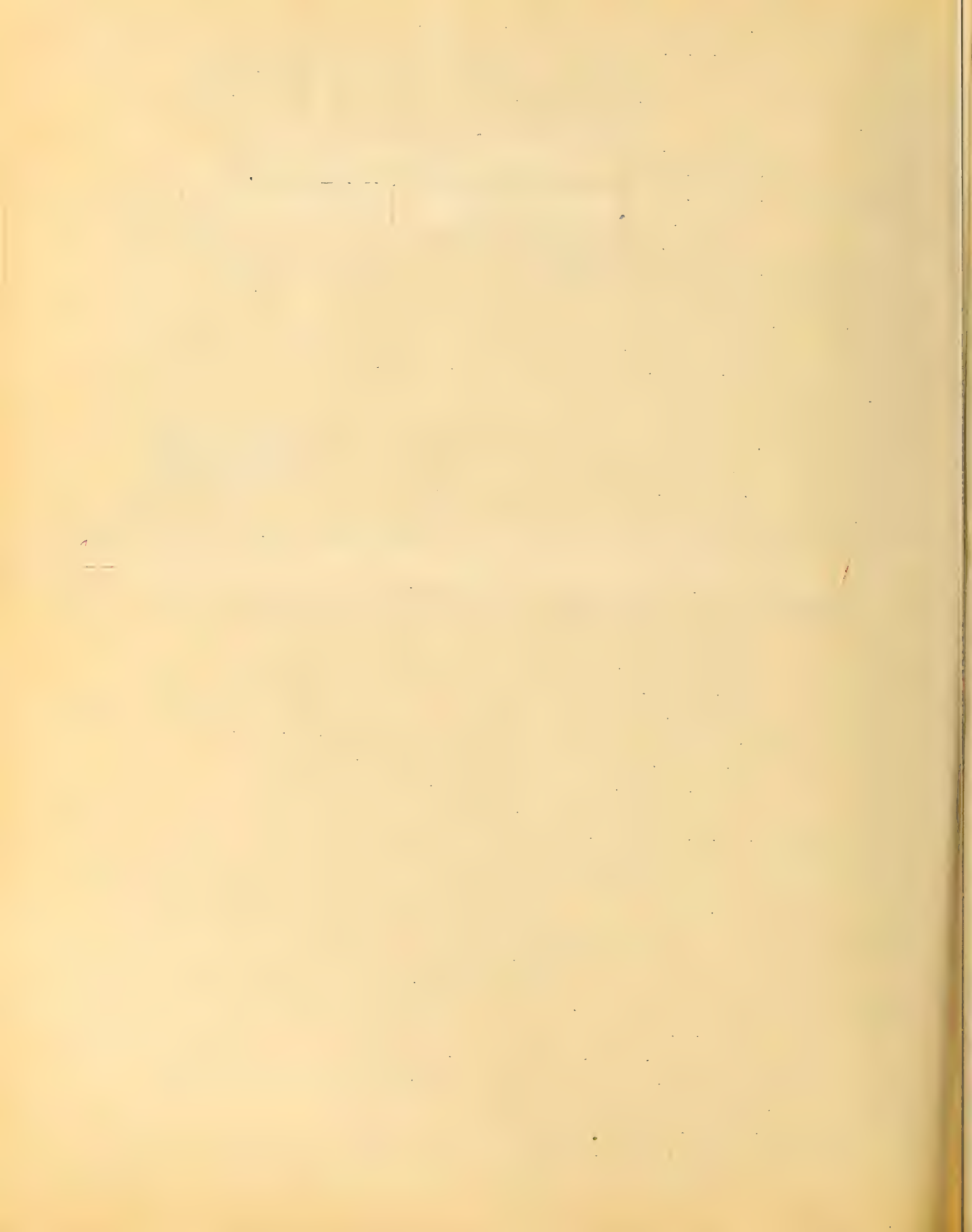
-, J.Q.C. I37Ip. -I4fII: (H. Kittoni, can spinis.) -  
 Castr. I337p. 99-2ff9, I3: A.S. Atlas I52f30:  
 -, Atlas I42fI, 9, IO, I2, 3I: -, Atlas I43f4, 45, 53:  
 -, Atlas I44f44-47, 5I, 53;  
 AFFINIS, Gran. I334p. 9: V.H.S. pl. IO3fIO, II: Woll. pl. 64fI5, I3:  
 Atlantic City; Det. S. p. 339: (H. Leibergii, v.) ----  
 ALATUS, Grev. - T.M.S. I365p. 3I-3fI4; Eul. Sp. 7.5I; M.T.P. 4-4-3; Gran.  
 I334p. IO: Atlas I43fI4-22; Det. Syll. p. 342:  
 ALGIDUS, Gran. I334p. I5-2ff53; Det. Syll. p. 352;  
 AMBIGUUS, Gran. I334p. IO-2ff25, 26; Atlas I42fI3-24; Det. S. p. 342;  
 AMPLECTANS, Grove & St. - J.Q.C. I337p. 76-6ffI7: Atlas I43fI-3:  
 (Synaetoneis.)  
 v. major, Gro. & St. - J.Q.C. I337p. I44-I3f44; (H. amplex.)  
 ANGUSTIUS, Greville. - T.M.S. I365p. 30-3fI2; Granow I334p. 9:  
 J.Q.C. I337p. I44; Det. Syll. p. 340:  
 ANTARCTICUS, E. - Abh. Ber. I344p. 265, f3; Mik. pls. 35A-2ffI3-17; 35B-22ffI3:  
 K.S.A.p. I39; weisse I354p. 242-IffI3e, f; Prit. p. 85I-Iff54: R.E.D.p.  
 3I5: M.D. pl. I3f3; London Clay; O'M. Kerg.: Det. Syll. p. 354:  
 (H. polycystinorum, var., & Rossicus; -Odontella?) ---  
 APPLANATUS, Brun I39Ip. 30-I3f3; Det. Syll. p. 353;  
 ARCTICUS, Gran. I334p. II-2ff27; Det. S. p. 344;  
 ALTAR, Br. - Sed. 2, 7, 22 pl. 20f19, 20; -Atlas I43f45, 46. - (Triceratium - Trinacra.) -  
 AUSTRALIS, E. - Abh. Ber. I344p. 203; K.S.A. I. I59; Prit. p. 35I:  
 R.E.D. p. 3I5; Det. S. p. 354: (Odontella?) --  
 BARBADENSIS, Gran. I334p. II: J.Q.C. I337p. II: Det. S. p. 344;  
 BIHARENSIS, Pant. 3p. - 33f523, 529:  
 BIPONS, E. - V.H.S. pl. IO3f6-9; Gran. I334p. I3; Woll. pl. 64f24, 28, 29: A.  
 M.M.J. I39Ipl. 2ff37; Det. S. p. 35I: (Bialuphia; -Zygoceros.) -  
 CALIFORNICUS, E. - Mik. pl. 33-I3fI5; Prit. p. 35I: R.E.D. p. 3I3; Gran.  
 I334p. IO: Woll. pl. 64f54; Det. Syll. p. 340:  
 CAPITATUS, Grev., T.M.S. I365p. 54-6ff24; Gran. I334p. I2;  
 Det. Syll. p. 343: (i. incluser.)  
 CARINIFERUS, Gran. - Cl. & M.N. I37; Det. Syll. p. 353;  
 CAVERNUS, Brun I39Ip. 3I-I2f7; Det. S. p. 349;  
 CHINENSIS, Grev. - A.M.N.H. I365p. 5-5f9; Det. S. p. 353;

1. How many times

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- CLAVIGER, A.S., Atlas I43f5, 6; Det.Syll.p.342;  
 CRENATUS, Grev.-T.M.S.I365p.I01-3fI2; Gran.I334p.I3; Det.S.p.351;  
 DANICUS, Gran.I334p.I3-2f40, 41; Atlas I43f43; Det.S.p.343;  
 DISSIPILIS, Grev.-J.Q.C.I37p.I43-I3f12; Notar.I333p.I3;  
 Det.Syll.p.343;  
 DIVERSUS, Gran.I334p.9; Det.Syll.p.339;  
 DUBIUS, Gran.I334p.9-5f54; Det.S.p.339;  
 ELEGANS, Heib.-Gran.I334p.I4; Witt I337p.26-9f13; Pant.2,p.32; Atlas  
 I44f34, 35; I44f2, 4; Det.S.p.352; (Crenatus?)-----  
 " v. intermedia, Gran.I334p.I4-2f51, 72; (I.334p.10)---  
 EXIGUUS, Grev.-T.M.S.I365p.29-4f12; Gran.I334p.I2; Det.S.p.343;  
 FIBRATUS, Heiberg p.49-2f5; R.E.D.p.314; J.Q.C.I37p.I01-I4f13-15;  
 Gran.I334p.II-2f23; Atlas I43f44; Det.S.p.345;  
 FRAGILIS, Gran.I334p.I0; Det.S.p.342;  
 GLACIALIS, Castr.I337p.I00-25f4; Notar.I339p.753; Det.Syll.p.351;  
 (H. polymorphus, var.)-  
 HASTATUS, Grev.-T.M.S.I365p.31-3f15; Gran.I334p.9; Det.Syll.p.340;  
 HAUCKII, Gran.I334p.9; V.H.S.pl.I03f10; Per.Villief.p.70; Det.S.p.337;  
 Castr.Mediter.I375p.33, f2: *Cl. 1897p.23* ( )  
 HEIBERGII, Cl. Java p.6-1f4; Gran.I334p.3; Villief.p.70; Malaisie;  
 Det.Syll.p.337; *Cl. 1897p.23* (H. affinis.)  
 HOSTILIS, Heib.p.43-1f2; R.E.D.p.314; London Clay; J.Q.C.I37p.I01-  
 I1f7-II; Gran.I334p.II-2f32, 33; Atlas I43f42; I44f1; Det.S.p.343;  
 " v. polaris, Gran.I334p.I2-2f31; Det.S.p.343;  
 HUNGARICUS, Pant.I, 43-29f29I; 2, p.32; Notar.I333p.534;  
 Pant.3p. -19f234, 235; Det.S.p.352;  
 HYPERBOREUS, Gran.I334p.II-2f29, 30; Det.Syll.p.343;  
 INCLUDENS, Gran.I334p.I2-2f36-38; Witt I335p.26-3f5; 9f6; J.Q.C.  
 I337p.II; Pant.2, p.32; Det.S.p.347; (H. & Biddulphia capitata.)-  
 KITTONI, Gran.-(J.Q.C.I37Op. -I4fII sans nom.): V.H.S.pl.  
 I03f6-9; Gran.I334p.9; Atlas I42f2-8; Det.S.p.333;  
 LAEVISSIMUS, Gran.I334p.I0; Det.Syll.p.340;  
 LATUS, A.S., Atlas I42f25; Det.S.p.349;  
 LOBATUS, Grev.-T.M.S.I365p.29-3f9; Witt I335p.26-9f7, 8; Gran.I334p.  
 II; Pant.2, p.32; Det.S.p.345;  
 LONGICORNIS, Grev.-T.M.S.I365p.31-3f13; Gran.I334p.I0; J.Q.C.I337p.  
 II; Det.Syll.p.341;  
 LYRIFORMIS, Grev.-T.M.S.I365p.30-3f11, 2f; Gran.I334p.I0; J.Q.C.  
 I337p.II; Atlas I43f7, 8; Det.S.p.342;  
 MALLEOLUS, Pant.Ip.43-3f63; Notar.I333p.535; Det.Syll.p.349;  
 MEMBRANACEUS, Cleve Java p.6-1f5; Gran.I334p.3; Atlas I42f13-15;  
 Malaisie; Det.S.p.337;  
 MESOLEIUS, Gran.-V.H.S.pl.II3f14; Det.S.p.353; (Triceratium?)--  
 MINUTUS, Grev.-T.M.S.I335p.I01-3f2; Gran.I334p.I0; Det.S.p.330;  
 MIRUS, A.S., Atlas I42f33; Det.Syll.p.349;  
 MITRA, Gran.I334p.9-2f24; Det.Syll.p.333;  
 " v. areolata, Gran.I334p.9-2f54; Det.S.p.333;





MONICAE, Grun. I334p. IO: DeT. Syll. p. 340;  
 MUCRONATUS, Grev. -T.M.S. I335p. 23-3f6; Grun. I334p. 9; DeT. S. p. 339;  
 OBTUSUS, E. -Abh. Ber. I344p. I93; DeT. Syll. p. 354;  
 ORNITHOCEPHALUS, Grev. -T.M.S. I335p. 32-3f16; Grun. I334p. IO: J.Q.C. I337p. II, 77-3f13, I9: Witt I333p. I3-3f13, I9, 20, 24, 25; Atlas I42f34, 36, 37; DeT. S. p. 343;  
 " vars., A.S., Atlas I42f26-32, 35, 38, 39;  
 " v. Nicobaricus, Grun. I334p. IO: DeT. S. p. 343;  
 PAYERI, Grun. I334p. I2-3f39; DeT. S. p. 347;  
 PETASIFORMIS, Pant. I2p. 43-29f925; Notar. I333p. 555: (Plisaria.)--  
 PERLONGUS, Pant. 2p. 32-20f315; DeT. Syll. p. 343;  
 PODAGRICUS, Grun. I334p. I3: DeT. S. p. 343; (Biddulphia.)--  
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 " v. Sibirica, Witt I335p. 27-6f1, 2: (H. Rossicus.)--  
 " v. Simbirskiana, Grun. I334p. I3-2f44, 45: -(Bidd. Saratoviana; -H. Antaret.)  
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 " v. frigida, Grun. I334p. I4-2f47-49; Atlas I43f35, 36; DeT. S. p. 352;  
 " v. glacialis, Grun. I334p. I4-2f50a, b; DeT. S. p. 352: (H. glae.)--  
 " v. Morsiana, Grun. I334p. I4-5f53; DeT. Syll. p. 351: (Hem. Mors.)  
 " v. pusilla, Grun. I334p. I4-4f42; DeT. S. p. 351;  
 " v. Virginica, Grun. I334p. I4-2f46; DeT. S. p. 351;  
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 SUBACUTUS, Grun. I334p. 9-5f55; DeT. Syll. p. 333;  
 SUBSYMMETRICUS, Grun. I334p. 9: DeT. S. p. 333;  
 SYMMETRICUS, Grev. -T.M.S. I335p. 55-3f22; Grun. I334p. 9: DeT. S. p. 340;  
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 UNICORNATUS, Brun. -LeD. No. I2p. I75-24f3;  
 WEISSEI, Grun. I334p. II-5f52; DeT. S. p. 345; Atlas I43f37-41;



1 *pilosa*, E. - (*Trinacria*)

2 " *v. baccata*, Br. - *Le D. vol. 2, no. 22 p. 238-2 of 22, 23:*

(*Trin. pil.*, v.; - *Tric. subcap. v. bac.*)

*capitata*, Br. - (*Capitata*)

3 *simplex*, Br. - *Le D. 2, no. 16 p. 77-6 of 8, 9. -*

4 *truncata*, Br. *Le D. 2, no. 22 p. 243-2 of 24, 25. -*

5 *truncata*, Br. *Le D. 2, no. 16 p. 77-6 of 8, 9. -*

WEISSLOGII, Pant. 3p. -27f40I, 402:  
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HEMIDISCUS. .... (Wallich, 1860.) -

CAPILLARIS, Brun.

(Euodia ?)

CUNEIFORMIS, Wallich. -T.M.S. I350p. 42-2f3, 4; Prit. p. 353-6f14; R.E.D.  
p. 3I3; Cl. I373p. I9; Vega p. 509; Malaisie;

(Euodia gibba.) -----

INORNATA, Castr. I337p. I49:

(Euodia.)

HEMIPTYCHUS. .... (Ehr., 1846.) -

ORNATUS, E. -Abh. Ber. I343p. 7: *Q. J. m. S. 1858p. 160:* - (Arachnoidiscus.) ---

HEMIZOSTER. .... (Ehr., 1844.) -

-, E. -Abh. Ber. I344p. I99: Det. Syll. p. I426:

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(Non-Diatomaceous.) -

HENSENIELLA. .... (Schuett, 1871.) -

BALTIICA, Hensen. - (Schuett), Det. Syll. p. I425:

(Pyxilla.)

STEPHANOS, Hensen. - (Schuett), Det. S. p. I425:

"

HERCOTHECA. .... (Ehr., 1844.) -

BREVISPINA, Grun. -Cl. & M. 2I5; Det. Syll. p. IO06:

MAMILLARIS, E. -Abh. Ber. I344p. 269: Mik. pl. 33-13f7; K.S.A. p. 27; Prit. p.  
337-7f35; M.D. pl. 43f3I; Wollé pl. 64f22, 23; A.M.M.J. I39Ipl. 2f32;

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HERIBAUDIA. .... (Peragallo, 1894.) -

TERNARIA, Perag. -Heribaud p. I96-5f25:

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ARCUS, E. -Abh. Ber. I339p. 49, pl. 2-2f14;

PARADOXA, E. -Abh. B. I339p. 50, pl. 2-2f15;

VENTRICOSA, E. -A. Ber. I339p. 50, pl. 2-2f16:

HETERODICTYON. - (Grev., 1863.) -

-, Rabh. E.D. p. 35:

JEFFREYSIANUM, Castr. I337p. 137-24f3: Notar. I339p. 753; Det. S. p. II93:

RYLANDSIANUM, Grev. -T.M.S. I333p. 66-4f6: Det. Syll. p. II93;

SPLENDIDUM, Grev. -T.M.S. I333p. 67-4f7: *Det. S. p. 1193:* - (Brightwellia.)

HETEROMPHALA. -- (Ehr., 1858.) -

BINODIS, E. -Abh. Ber. I372p. -2f23; Det. Syll. p. 730:

ALMANTIDION, E. -Abh. B. I353p. I3; I372p. -II f29; Det. Syll. p. 730:

(Glyphodesmis williamsoni; -Plagiogramma.) ---

TRINODIS, E. -A. Ber. I36Ip. 295: Det. S. p. 730:

HETERONEIS. .... (Cleve, 1893.) -

AMERICANA, Cl. - *Le D. 2, no. 19 p. 143.*

((Achnanthes.) --

LAGERHEIMII, Cl. - *Le D. vol. 2, no. 22 19 p. 143:* -

"

LILLGEBORGII, Cl. - *Le D. 2, no. 19 p. 143:* -

"

VARZARYI, Cl. -

"



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var. "a" septemaria.

" "b" octonaria.

" "c" nonaria.

" "d" decaria.

} Cl. & Hook p. 155:

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Godwin R. S. p. 150:

Linnaeus, Palmes L., p. 55. 3/7:



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## HIMANTIDIUM. --- (Eury, 1847)

- , Mart. A.N.D. 1.375: -, Pol. Sci. Rev. I377p. I41, 146:  
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AMPHIOXYS, E.-Mik. p. I2f; Prit. p. 766:  
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4-3ffI; 4-3ffI; 5-2ffI; 5-3ffI; 5-IffI; I2ffI; I3A, f65; I5-A, f10;  
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I373p. I7; Deby D.T. p. : Brun Alp. p. 43-2ffI; Hoffmann, Marburg; Petit  
& Leud.; liste p. 25; Tanarek I379p. 47, f25c; Spamer, Guren; Malaisie;  
Belloc, Luchon p. 55, f2;  
(Bacillaria major: -Cystopleura ericaeformis; -Eunotia a., monodon &  
uncinata; -H. attenuatum, haleyonella, pectinata.) -  
" var. "b" bidens, E.-Grun. I362p. 339: (Him. b.) -  
" var. "g" curta, Grun. I362p. 339-3ffI; Schum. I364p. I3-2ffI; Lagr. I373p.  
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" v. major, Brun Alp. p. 43: (H. major, w. Br.) -  
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*bidens*, v. diodon, E.-Brun Alp. p. 50-9f2I:  
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DILATATUM, W. f. a. -Law. I360p. 4, 11. 7:  
DIODON, Bailey M.O. p. 6: (Eunotia.)  
DOLIOLUS, Grun. I362p. 342-3ffI: (Eunotia; -*Psidium* -Eun.: -Synedra.) ---  
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" var. "b" quaternarium, E.-Lagr. I373p. I9: (Eun. quat.)  
" var. "g" quinarium, E.-Lagr. I373p. I9: (Eun. quin.)

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 53; Carr.p.77: Mill; Cl.1363p.235; 1363p.235; 1363p.235; 1363p.235;  
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 " var. "b" bidens, S.B.D.2p.14-50f236b; Grun.1362p.340;  
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 53-119; Prollius p.74; Hoffmann, Marb.: Spamer, Duren;  
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 PALUDOSUM, Lagr.1373p.13: (Eun. pal.)  
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 1379p.47,f25B; Delogne; Prollius p.74; Belloc, Luchon; Amazon; Gallin,  
 Papan; Hoffmann, Marburg; Spamer, Duren;

var. undulata, Frag. pect.,  $\phi$ , undulata; -

Solierolii, Tanq. Ann alp. p. 50;



- (Frag. grandis & p.: -Conferva bronchialis & p.: -Eunotia denticulata, depressa, nodosa & p.: -H. arcus, minus & strictum: -Ternarium: ) ---  
 " v. minor, K. -Gran. 1862p. 341-3f19; Petit liste p. 25; Sm. Sp. T. 194; Brun Alp. p. 49-2f19; Bellec, Luchon: (H. minus.) ---  
 " v. undulata, Gran. 1862p. 341; Brun Alp. p. 49-2f22a; 9f19: (H. und.) ---  
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 POLYODON, Brun Alp. p. 50-2f25: -(Eun. diadema, robusta, 3-4-5-6-7-3-judi.) ---  
 PRAERUPTUM, Ralfs. -Prit. p. 765: (Eunotia.) ---  
 QUATERNARIUM, E. -Abh. Ber. 1852p. 235; R. S. D. p. 20: Prit. p. 766: " "  
 QUINARIUM, E. -Abh. Ber. 1852p. 235; R. S. D. p. 20: Prit. p. 766: " "  
 REGIOMONTANUM, Schum. 1862p. 184-3f8: 1864p. 14: (Eun. m.) ---  
 ROBUSTUM, Heib. p. 106; Cl. 1863p. 236; Lagr. 1873p. 13: (Eunotia, Ralfs.: -Eun. enneodon & tetraodon.) ---  
 " v. diodon, W. S. -Lagr. 1873p. 17: -(H. bidens, W. S.: -E. bigibba & a., W. S.) ---  
 " v. triodon, W. S. -Lagr. 1873p. 17: (Eun. tr., W. S.) ---  
 SOLIEROLII, K. B. p. 39-16f9; K. S. A. p. 9: R. S. D. p. 19-1f3; R. Alg. E. No. 333: S. B. D. 21. 1861s. 33, 35f232; Prit. p. 765-14f13; Gran. 1862p. 342; Bellec, Luchon; Bleisch, 1863; Carr. p. 77: Hedw. Vol. 2p. 42-7f5-3; Spamer, Duren; Petit liste p. 25; Sm. Sp. T. 195; Hoffmann, Marburg; Brun Alp. p. 49-2f23; (Eunotia; -Eun. & H. faba; -Frag. hyemalis, Duby, & pectinalis.) ---  
 )  
 SPECTABILIS, E. -Mik. pl. 3-4f26;  
 STRIATUM, Wigand. -Hedw. 21. 42-7f10-12: Hoffmann, Marburg: (Eunotia.) ---  
 STRICTUM, Rab. S. D. p. 19-1f1c: Hoffmann, Marb.: -(Eunotia & H. pectinalis.) ---  
 TERNARIUM, E. -Mik. pl. 34-3a, f5; Prit. p. 766:  
 TETRAODON, Breb. -K. S. A. p. 10: R. S. D. p. 20-1f11: Nylander, W.: Hoffmann, Marburg: (Eunotia t.) ---  
 TEXTICOLA, E. -Mik. p. 3f; Prit. p. 766:  
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 TRIODON, Party Kl. Leb. p. 193-17f5; Prit. p. 766: " "  
 TSCHIRSCHIANA, Muller. -Java 1890p. 328-19f14-17: " "  
 UMBILICATUM, E. -Mik. p. 140; Prit. p. 766:  
 UNDULATUM, S. B. D. 21. 12-33f231: Braemar; Mull: Prit. p. 766: Carr. p. 77: Arenig Bach; Lewis, W. M. D. p. 12-2f13; Nylander, W.: Sm. Sp. T. 196: Sci. Goss. 1867p. 153, f163: (Eun. nodosa; -Eun. & Him. pectinale, v.) ---  
 VENERIS, K. B. p. 40-30f7; K. S. A. p. 9: R. S. D. p. 20-1f4c; Prit. p. 766: Gran. 1862p. 342-6f17: (Eun. laevis & veneris.) ---  
 VENTRALE, E. -Mik. p. 121; Prit. p. 766:  
 WILLIAMSONI, S. B. D. 21. 14-33f237: -(Diadesmis, Dimerogramma, Glyptodesmis).  
 ZEBRA, E. -Mik. p. 109; Prit. p. 766:  
 ZYGODON, E. -Mik. pl. 39-3f76, 77: A. J. S. May 1851, f56;

## HOMOEACLADIA. -- (Agardh, 1827.)

- , Meneg. A. N. D. p. 423: ---, R. E. D. p. 51: ---, Agardh, Bot. zeit., 1827.  
 ANGLICA, Ag. Cons. p. 25; K. Syn. p. 62; K. B. p. 110-30f32; K. S. A. p. 93: A. M. N. H. 1845p. 109-3f1; 179-18f1; Desmaz. I, No. 1469; 2, No. 1069; Prit. p. 734: Sm. Sp. T. 673: (H. Martiana & Difformis.) ---

+ Germanicavari. - Moller. Cat 1897 p. 11.

+ S. boohacensis, Oestrup 1897 p. 332

1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001

(Betrachtung u. d. Hülle.) --

Hyalochaete.

Subgenus of Chaetoceros; Gran. N. M. E. L., 1899.



ALTERNANS, Grove & St.-J.Q.C. I337p. I42-I3f39; Notar. I333p. 439;

Det. Syll. p. II35;

LABUANI, Cl.-Atlas II5fII: Just's Jahrb. I337p. 219;

Det. S. p. II33;

(Cerataulis; )

REICHARDTII, Grun.-Just's Jahrb. I337p. 279; Wollé pl. I03fI2;

Det. S. p. II35;

(Cerataulis.)

" var., A.S., Atlas II6f4;

VIRGATA, Gro. & St.-J.Q.C. I337p. I42-I4f55; Notar. I333p. 439;

Det. Syll. p. II35;

### HYALODICTYA. --- (Ehrh., 1820.)

DIANAE, E.-Abh. Ber. I370p. 57, pl. 3-I4fI4; Wollé pl. 63f3I; Det. S. p. I333.

### HYALODISCUS. --- (Ehrh., 1845.)

-, E., Abh. Ber. I348;

-, Detoni, Oss. Bac. I390p. 9I4.

-, B.J.N.H. I33Ip. 334-I4fI3, I9;

-, Atlas pl. I39f3-I5;

-, Atlas I40f2;

ARCTICUS, Grun. I334p. 4I-5f37; J.Q.C. I337p. 67;

(H. radiatus, v.)

BIFRONS, Fortm.-Annal. Bot. Brit. I392p. 48-5f6; Det. S. p. I333;

CALIFORNICUS, Bailey MSS.: A.O.M. I373p. 247; Brebissonia I379p. II7;

Det. S. p. I333;

(H. subtilis.)--

CERVINUS, Btw.-M.J. I330p. 95-5f9; Det. S. p. I333;

(Coscinodiscus.)

FLAVUS, Cl. & M. No. 2; A.S. I377p. I19; I378p. I42;

(H. subtilis.)--

HORMOIDES, Petit Cat. p. I4; Fortm. Cey. p. I2;

(Podossira Adriatica, h., & nannuloides.)

LAEVIS, E.-Abh. B. I345p. 73; Mg. pl. 33-I5fI7; K.S.A. p. 20; Weissé Gr. p. 307-

2f47; Prit. p. 3I4; Cl. I330p. II7; Part. I. 44-I5fI3I; 2p. 30; Atlantic

City; Castr. I337p. I40-24f4; Wollé pl. 59f2; Det. S. p. I333; -(Cyclotella)

" v. Doljensis, Part. I. 44-23f2I2; Notar. I333p. 535; Det. S. p. I333

" v. Yarnensis, Grun.-Cl. I330p. II7; Det. Syll. p. I333;

LINEATUS, Bailey.-Lens Vol. I. p. 232; Det. S. p. I333;

(Podossira.)

MACULATUS, Cl. I373p. 4; I378p. I3; Petit Cat. p. I4; Fortm. Cey. p. I2;

Malaisie;

(Podossira.)

MAXIMUS, Petit Cat. p. I5-4f7; Enl. Sp. I. I06; Grun. I373p. 34; Cl. & M. No.

II2; J.R.M.S. I373p. 233-I4f7; Wollé pl. 59f7, 8; Malaisie;

(H. radiatus, (O'M.) var.)-

" var., Cl. & M. No. II3;

NOBILIS, Part. 2p. 30-26f374; Det. Syll. p. I333;

OCEANICUS, E.-Abh. Ber. I363p. 336; Det. S. p. I333;

PATAGONICUS, E.-Abh. B. I345p. I55; Mik. pl. 33B-22fI0, II; K.S.A. p. 20;

Prit. p. 3I4;

(Cyclotella.)--

PUNCTATUS, A.S., Atlas I39fI3;

PUNCTULATUS, A.S., Atlas I40fI5;

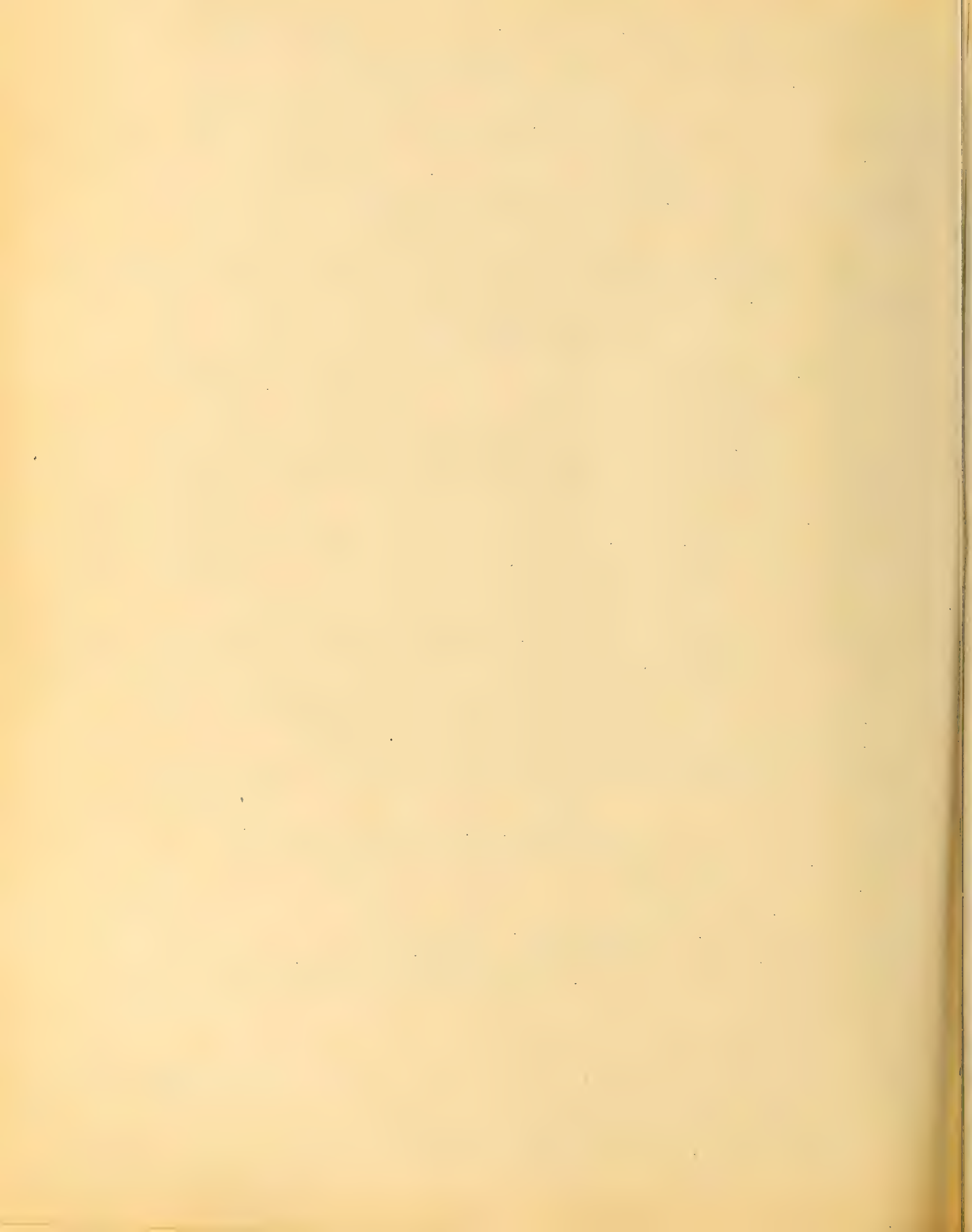
RADIATUS, Bailey.-Lens Vol. I. p. 23I;

(Podossira maculata)

RADIATUS, O'M.-J.L.S. Vol. 40pl. I49; Cl. I380p. I17; Grun. I334p. 41; Cl.

C. I337p. 68; Part. 2p. 30; Det. Syll. p. I337;

(Cyclotella & L. Patagonicus; -Pyxidicula.)---



- \* v. *Arctica*, Grun. 1834p. 41-3f37; Del. Syll. p. 1337; (H. *Arcticus*.)--  
 \* v. *Biharensis*, Pant. 1p. 44-23f205; Notar. 1833p. 535; Del. S. p. 1337;  
 \* v. *maxima*, Pet. - Cl. 1830p. 117; Del. S. p. 1337; (H. *max.*)--  
 \* v. *minima*, Cl. 1830p. 117; Grun. 1837p. 131-1311; Del. S. p. 1337;  
 PETICULATUS, A. S., Atlas 140f7; wolle pl. 110f3;  
 ROSSICUS, Pant. 2p. 30; 3p. -5f72; Del. S. p. 1333;  
 SCUTIGER, K. - Grun. 1837p. 139-213; Pant. 1p. 47; Cl. 1830p. 113;  
 Nares p. ; Vega p. 439; 1891p. 67; V. H. S. pl. 34f15-13; Pant. 2p. 30;  
 Del. Syll. p. 1333; *Red Sea 1877p. 14-15* (Cyclotella ligustica &  
 S. - H. Franklino; - Poudsira Franklino, hormoides, p. p., & Smithiana.)  
 STELLIGER, Bailey N. S. p. 10; Prit. p. 314; Grun. 1833p. 27; Cl. 1830p. 11;  
 Cl. & M. No. 1; Pet. Cat. p. 14; M. T. P. 4-1-13; A. J. M. 1877p. 149; 1873p. 110;  
 V. H. S. p. 218-341, 2; T. No. 454; Villet. p. 30; Atlantic City; Malaisia;  
 wolle pl. 59f3; Del. S. p. 1337;  
 (Coscinodiscus punctulatus; - Craspedodiscus stella; - H. maculatus; -  
 Melosira maculata; - Poudsira rae.; - Pyxidella Adriatica.)---  
 SUBTILIS, Bailey N. S. p. 10, f12; Q. J. M. S. 1831p. 179 cum icone; Prit. p.  
 315-316; Jan. Gr. p. 20; Jan. & T. p. 3-1f13; Grun. 1833p. 27; Grun. 1830p. 11;  
 S. p. 69; A. J. M. 1833p. 153; Italy; New Zealand; Cl. 1830p. 14; 1830p. 113;  
 Cl. & M. No. 2; J. M. 1873p. 247; Fortm. Cay. p. 12; Petit Cat. p. 15; Nimbu;  
 M. T. P. 4-1-14; M. M. J. 1874p. 21; S. S. p. 201; Melosira 1870p. 117;  
 Shark River; Malaisia; Pant. 2p. 30; Del. Syll. p. 1333; *Red Sea 1877p. 14-15*  
 (Craspedodiscus & Melosira Franklino.)- *Petit, Cap. Horn*  
 \* var., Witt 1835p. 27-7f10;  
 \* v. *Australiensis*, Grun. - Pant. 2p. 30;  
 \* v. *Japonica*, Castr. 1837p. 140-13f4; wolle pl. 59f3; Del. S. p. 1336;  
 \* v. *robusta*, Grove & St. - J. Q. C. 1837p. 67; Del. Syll. p. 1337;  
 VALENS, A. S., Atlas 140f1;  
 WHITNEYI, E. - Abh. Ber. 1870p. 57p. 1.2-1f21; wolle pl. 59f5; Del. Syll. p. 1333.

## HYALOSIRA.-----

- , Menge. A. N. D. p. 465; -, K. B. p. 125;  
 DELSWICKII, Notar. - Prit. p. 304; Grun. 1832p. 423; R. E. D. p. 307;  
 DELICATULA, K. B. p. 125-13f3(1); K. S. A. p. 115; Prit. p. 304-4f42; Mull:  
 Grun. 1832p. 425; 1838p. 4; R. E. D. p. 307;  
 (H. minutissima, obtusangula & rectangula; - Striatella.)  
 MINUTISSIMA, K. B. p. 125-13f3(2); K. S. A. p. 115; Prit. p. 304; R. E. D. p.  
 307; (H. & Striatella delicatula, v. - H. obtusangula & rectangula.)  
 OBTUSANGULA, K. B. p. 125-13f3(4); K. S. A. p. 115; Villet. 1835; Prit. p. 304-  
 14f29; Ail. S. p. 7. No. 50; R. E. D. p. 307; S. S. p. 202; A. J. M. 1833p. 153;  
 (Achnanthes parvula; -  
 H. minutissima & rectangula; - H. & Striatella delicatula, v.)-  
 PUNCTATA, Bailey & H. p. 131-9f29, 30; Prit. p. 304; R. E. D. p. 307;  
 Grun. 1832p. 423; (Striatella.)--  
 RECTANGULA, K. B. p. 125-13f3(3); K. S. A. p. 115; Prit. p. 304-14f23; M. D.  
 pl. 1311; Breb. D. C. p. ; R. E. D. p. 307;  
 (H. & Striatella delicatula, v. - H. minutissima & rectangula, v.)---

> Noval-Caesaræ, Boyer.-LéD. 2, n<sup>o</sup>. 22 p. 207:-

(Triceratium.)





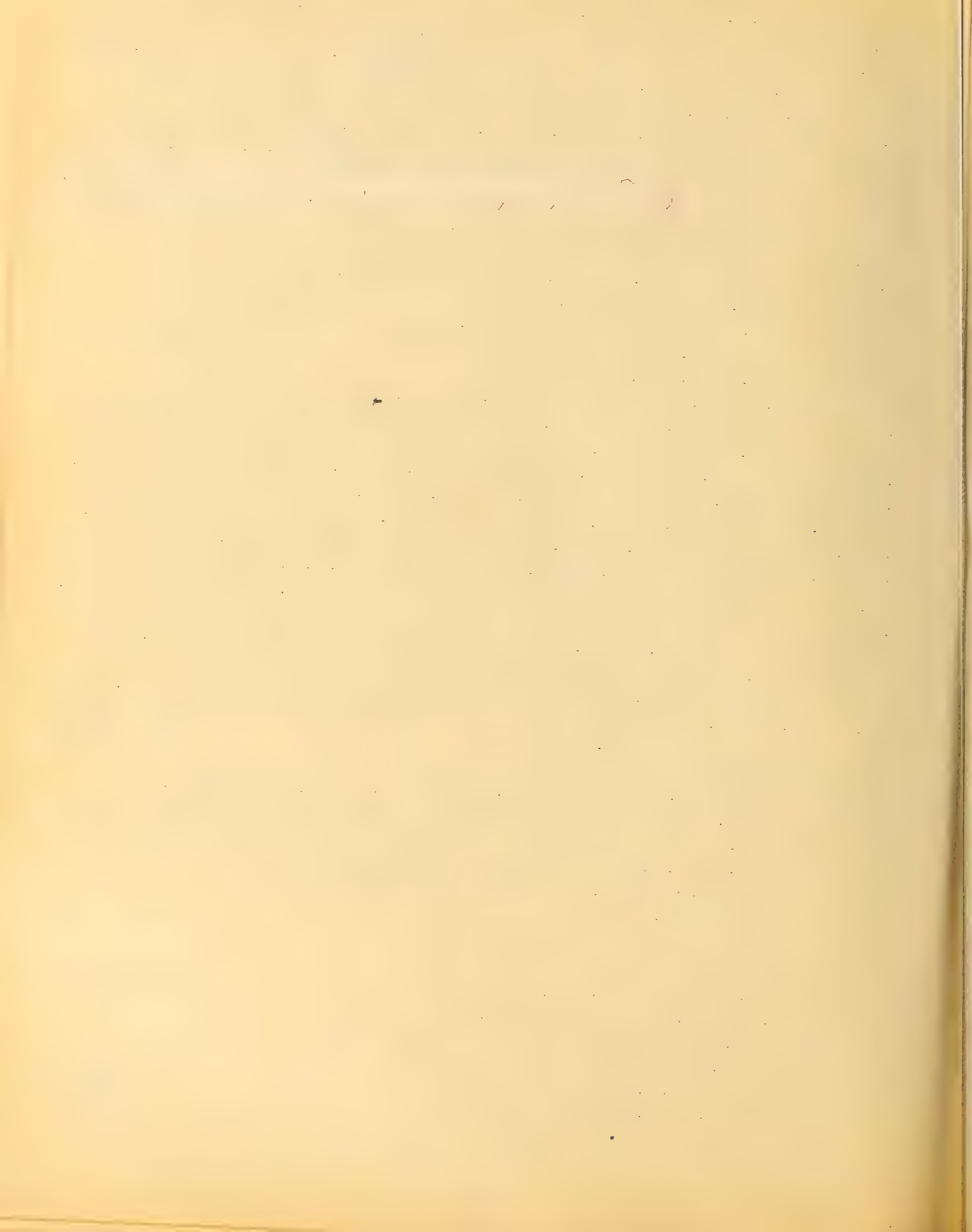
Heussner, *Vertrug* 1897, *Ca* p. 1891, f. 394, 408; *J. Q. C.* 1885 p. 168;  
*Heussner*, *Vertrug* 1897, *Ca* p. 1891, f. 394, 408; *J. Q. C.* 1885 p. 168;  
*Heussner*, *Vertrug* 1897, *Ca* p. 1891, f. 394, 408; *J. Q. C.* 1885 p. 168; —

7 *Heussner*, *Vertrug* 1897, *Ca* p. 1891, f. 394, 408; *J. Q. C.* 1885 p. 168; —

- ENNERVIS, E. - Inf. p. 209-10f3; A.M.N. 1. 1313p. 271-3f1; K.B. 1. 137-19f4; V. S.A. p. 135; Prit. 1352pl. 4f133; Desmaz. Ino. 1474; Breb. D.C.: S.B.D. 2p. 52pl. 48; Grun. 1330p. -3f33; R. Alg. E. No. 724; R.D. Ex. 37; Prit. p. 351-10f133; Eul. Sp. 1. 54; R.E.D. p. 309; Hohenack. Alg. No. 454; Jan. & R. p. 9-4f13; Carr. p. 95; M.D. pl. 13f2; Girard Boss. p. II-1f23; 2f23; M.M.J. '72, pp. 123, 256; Agr. 1373p. 16; Cl. 1373p. 15; Vega p. 436; Cl. & M. 9: O'M. I. D. p. 230; Sm. Sp. 1. 204; Kent Infus. Vol. 1p. 59; Brun & T. p. 72; V.H.S. p. 201-96f1-3; T. 436: Atlas 136f1, 3, 7, 9; Perag. p. 75: Woll. pl. 109f3-9; Malaisie: m.m.J. 1877p. 63-172f1; (Biddulphia; - Bidd., Conferva & Diatoma obliquata; - I. obliquata, "b".: - Isthmiella.)
- " var., A.S., Atlas 136f3, 4; Malaisie;
- " v. Japonica, Grove & St. - J.Q.C. 1333p. 324; Castr. 1337p. 96-23f5;
- FILIFORMIS, Men. - Linnea 1340p. 205: (Non-Diatomaceis.) --
- LINDIGIANA, Eul. - Hedw. Vol. 3p. 29; M.M.J. 1379p. 175-193f1a-d; Atlas 136f2; 145f1-3; Cl. Vega p. 503; Cl. 1373p. 148; (Isthmiella.) --
- MEMBRANACEA, Cl. - L. 133. Vol. 2. 31-9f14-13;
- MINIMA, Bail. & H. p. 173-9f11; Prit. p. 351; R.E.D. p. 310; Sm. Sp. 1. 205; W. & C. 2p. 5-519; A.M.N. 1. 1373p. 133; Atlas 143f9; Malaisie: - (Isthmiella.) --
- NERVOSA, K.B. p. 137-19f5; K.S.A. p. 135; S.B.D. 2p. 52pl. 47; Front.; Prit. p. 351; Jan. & R. p. 9-4f12; R.D. Ex. No. 33; R.E.D. p. 309, f34; Girard Boss. p. 13-3f12; Carr. p. 95; N. & R. S. p. 63; Cl. 1337p. 333; 1373p. 10; Vega p. 436; Cl. & M. 3; Grun. 1333p. 102; M.M.J. 1373p. 206-33f4; Reinhard; O'M. I. D. p. 279-27f15; A.J.M. 1373p. 93, f1-5; p. 125, f5, 6; Sm. Sp. 1. 203; Perag. p. 75: M.T. P. 4-5-10; Carr. 1331p. 330, f133, 131; J.Q.C. 1337p. 42-4f3; Brun. & T. p. 71: Atlas 135f1-3; 136f5; 145f10, 11; Woll. pl. 109f1-5; Del. Syll. p. 333; m.m.J. 1877p. 63-171f6, 7; (Conferva, Diatoma & I. obliquata.) --
- " v. Nakaguchensis, Grun. 1333p. 102-1a, 12f; Hedw. 1337p. 30; Del. S. p. 333;
- OBLIQUATA, Ag. Cons. p. 55; E. Inf. p. 209-13f4, 5; Eul. 1. 30f. 1. 405; K. Syll. p. 51-4f59; Linnea 1330p. 579-4f59; Harvey Man. p. 206; A.M.N. 1. 1343p. 272-3f2; Agr. 1373p. 13; - (Biddulphia, Conferva, Diatoma; - I. enervis & nervosa.)
- " var. "b" tenuior, Ag. Cons. p. 55: (I. enervis)
- POLYMORPHA, Montagne. (Cerataulus laevis & p. 7)
- STOMATOMORPHA, Meneg. - Linnea 1340p. 205; Del. S. p. 334: - (Non-Diat.) --
- SZABOI, Pant. Ip. 47-3f24a, b; 2, p. 31; Notar. 1333p. 533: (Isthmiella.) --
- VERTEBRATA, Men. - Linnea 1340p. 205; Del. Syll. p. 334: - (Non-Diatomaceis.) --
- VESICULOSA, Ag. Cons. p. 55: (Amphitetras antediluviana; - Diatoma.) --
- VITREA, Kitt. - M.M.J. 1373p. 206-33f3; Atlas 145f12-17: (Pyxilla variabilis.) --

ISTHMIELLA. ---- (C. 1873:)

- CAPENSIS, Grun. - Del. Syll. p. 336: (Isthmia.)
- ENNERVIS, Cl., 1373p. 10; Del. S. p. 334: "
- LINDIGIANA, Eul. - Del. S. p. 335: "
- MEMBRANACEA, Cl. - Del. S. p. 335: "
- MINIMA, B. & H. - Del. S. p. 335: "
- SZABOI, Pant. Del. Syll. p. 336: "







ANTIQUA, Grun. -V.H.S. pl.95(2) f10, II: B.S.B. I335p. I73-I f13, I4; 4145;  
3f" a, b": Ann. Soc. Belg. I333p. 3f I9; (Coscinodiscus Ludovicianus.)--  
ITALIANA, Grun. -V.H.S. pl.95(2) f7-9; (Biddulphia; -Cerataulus.)

KENTRODISCUS.--- (Pantocsek, 1891.) ---  
~~Rossfus~~, Pant. 2p. 75-23f350; Det. Syll. p. I012:

KERATOPHORA.--- (Pantocsek, 1891.) ---  
NITIDA, Pant. 2p. 35-I7f230: Det. Syll. p. 393:  
ROBUSTA, Pant. 2p. 35-I6f277: Det. S. p. 393:

KTENODISCUS.--- (Pantocsek, 1891.) ---  
HUNGARICUS, Pant. 2p. 75-3f I02, I09; Det. Syll. p. I012;  
RUSSICUS, Pant. 3p. -24f353, 354; Det. S. p. I012:-(Non-Diat.)--

KITTONIA.----- (MacGillivray, 1887.) ---

> ELABORATA, Grove & St. -J.Q.C. I337p. 42-4f5; Atlas II f19, 20: Det.  
Syll. p. 393: (Biddulphia.)  
GIGANTEA, Grev. -Det. Syll. p. 393: (Biddulphia; -K. Grevilleana.)  
> GREVILLEANA, Gro. & St. -J.Q.C. I337p. 73: (Bidd. & K. gigantea.)----  
> VIRGATA, Gro. & St. -J.Q.C. I337p. 73-3f23; Notar. I337p. 347; Det. Syll.  
p. 397: (Biddulphia.)-

LAMPRISCUS.----- (Grunow, 1884.) ---

CIRCULARIS, Grun. -V. H. S. pl. I03f I0: Det. Syll. p. II36: (Triceratium.)  
DEBYI, Gro. & St. -J.Q.C. I337p. I33-II f27; Det. Syll. p. II36;  
(Eupodiscus; -Isodiscus.)  
FASCICULATUS, Pant. -Det. S. p. II36; (Lamprotediscus.)---  
GIBBOSUS, Bailey. -Det. Syll. p. II36: (Tricer.)  
" v. crenulata, Grun., in V.H.S.: Det. S. p. II36: (Tric. c.)-  
KITTONI, A.S., Atlas 30f II: Det. S. p. II36: (Tric.)---  
LEUDUGERI, Deby. -Ann. Bot. Brit. I392p. 41-5f4: Det. Syll. p. II36;

LAMPROTEDISCUS.--- (Pantocsek, 1893.) ---

FASCICULATUS, Pant. 3p. -I6f236; (Lampriscus f)

LAUDERIA.----- (Cleve, 1872.) ---

ANNULATA, Cleve Java p. 3-I f7; Sm. Sp. T. 207; A.J.M. I373p. I34; Malaisie;  
Castr. I337p. 39-3f7; Villef. p. 30: Atlas I30f47; LeD. No. 9p. I05-I3f II:  
Det. Syll. p. 771: (Cresswellia a. & cylindracea.)  
DELICATULA, Parag. Villef. p. 31-3f45; LeD. No. 9p. I05-I3f I3; Notar. I339  
p. 335: Det. S. p. 772: Cl. 1891p. 24: (L. pumila.)  
ELONGATA, Castr. I337p. 39-9f4; LeD. No. 9p. I05-I3f I2; Notar. I339p.  
753; Det. S. p. 771:  
MEDITERRANEA, Parag. Villef. p. 31-3f45; Notar. I339p. 355: Det. Syll. p.  
771: (Dactyliosolen; -Leptocylindrus  
MOSELEYANA, Castr. I337p. 90-24f9; LeD. No. 9p. I05-I3f I0; Notar. I339p.  
753; Det. S. p. 772;

Heilonia.

- > B. boi, Brun. - Le D. 2, no. 22, p. 239-19 f 2.
- > Hillabyana, Br. - Le D. 2, no. 22 p. 239-19 f 3, 4: -

Lamella. (Br., 1894.) -

- > aculeata, Br. - Le D. 2, no. 22 p. 78-5 f 20, 25.

Lauzeia.

- > annulata, Cl. 1894 p. 22. f 13 18.
- > delicatula.
- > fragilis Fran, Ber. Deut. Bot. Ges. vol 15 p. 133: Cl 1897 p. 2.

OBUSATA, Shousbie.-Perag.Villef.p.30-3f47; Notar.I339p.335: Del.  
Syll.p.772: (Diatoma.)--  
" var.Suluensis, Perag.Villef.p.31:  
PUMILA, Castr.I337p.39-9f3; Notar.I339p.759; Del.Syll.p.771:  
Malaisie: (L.delicatula.)

LEPIDODISCUS.-- (Witt, 1845)

ELEGANS, Witt I335p.23-7f3; Atlas I03f5; Pant.Ip.45-20fI32; 2p.I10:  
Del.Syll.p.I395:

STELLA, Brun.-Atlas I34f3:

imperialis, Brun.-Atlas 202f3:

LEPTOCYLINDRUS. - (Cleve, 1889)

DANICUS, Cleve.Natlagat I339p.2 car. icone; LeD.No.9p.I04-I2f2I, 22;  
Bot.Cbl't.I390Ns.27, 28; Del.Syll.p.322: -(Dactyliosolen Mediterr.)

LEUDUGERIA. ---- (Temper, 1893.)

JANISCHII, Temper, I393; Del.Syll.p.I327: -(Eudua; -Eunotioopsis.)

LIBELLUS. ----- (Cleve, 1873.)

AFRICANUS, Cl.Navic.p.I45: (Navicula a.)--

APONINUS, K.-DeToni, Int.Lib.I390p.97I; Syll.p.203; Cl.Nav.p.I54;

(Navic.a. & Vichiensis.)-

BIBLOS, Cl.Nav.p.I45:

(Nav.)

BULMEINII, Grun.-Cl.Nav.p.I54:

(Nav.)

+ COMPLANATUS, Grun.-DeT.S.p.203; Cl.Nav.p.I53: (Amphora; -Nav.)

CONSTRUCTUS, E.-DeToni, Syll.p.202; Int.Lib.I390p.97I: Cl.Nav.p.I45;

(Amphiprora; -Nav.simulans; -Stauroneis amphoroides & c.)----

GREVILLEI, Cl.I373p.I3; I373p.I9; Navic.p.I52; DeT.S.p.20I:

(Nav.libellus; -Nav.& Schizonema Delognei & G.) *Oestrup* '97p.316

HAMULIFERUS, Grun.-DeT.Syll.p.202; Int.Lib.I390p.97I: (Nav.h., Grun.)-

HYALOSIRA, Cleve Nav.p.I53:

(Navicula.)--

PLICATA, E.-DeT.Syll.p.202: Int.Lib.I390p.97I: Cl.Nav.p.I54:

(Nav.)

RHOMBICUS, Greg.-DeT.Syll.p.20I; Cl.Nav.p.I52: -(Nav.rhombus, p.f., Greg.)

*327p.187, 188*

LICMOPHORA. ---- (Agardh, 1827.)

-, Meneg.A.N.D.p.464;

-, Heuw.Vol.Ip.I03-I3f3;

-, Am.Nat.I363p.5I0-I3f20: (L.flabellata.)----

ABREVIATA, Ag.Cons.p.42: (Gomphonema; -Podosphaeria; -Rhipidophora)

ANGLICA, K-V.H.S.p.I53-46fI4; Villef.p.36: Malaisie:

Del.Syll.p.732: *Oestrup* 1897p.319;

(Rhipid.)-

" v.elongata, Grun.-V.I.S. *46fI5*:-

(Podosph.grabilis, minor.)

ANGUSTATA, Grun.-V.I.S.pl.45f3, 7; DeT.S.p.754; Malaisie;

ARGENTESCENS, Ag.Cons.p.4I; Icon.Alg.Eur.No.2; Grun.I362p.352; R.E.

D.p.299, 177: Sm.Sp.1.203; A.J.M.I373p.I34; Cl.I373p.I4: *Ag.Bot.2.1827*:

(Gomphonema; -L.flabellata: *Merid.rubians*.)

" v.flabellata, Carmichael.-Grun.I362p.352; R.E.D.p.299:

(Echinella, Exilaria & L.flabellata, Ag.: -L.radians.)-

" v.splendida, Grev.-Grun.I362p.352; R.E.D.p.299:

(L.flabellata, K., & splendida, Grev.)----



Leptocylinthus.

+ Danicus, Cl. 1894 p. 15-2 f 4, 5. Katt. 1889 p. 54: Cl. 1897 p. 2

+ complanatus,

" var. hyperborea, Gr. - Oestr. 1897 p. 316: - (L. groenlandicus.)

> Groenlandicus, Oestrup 1897 p. 316-2 f 4: - (L. complanatus, v. hyperborea.)

+ Synchytrium, K.-

" forma minor, V.H.S. pl. 47f17, 18:

+ ordipus

" forma elongata, Gm. - V.H.S. pl. 47f1:

- AUSTRALIS, K.-V.H.S.pl.43f14, 17; -(L. paradoxae, Podos.)--  
 AFRICANA, Grun.-Hedw.Vol.6p.36; Det.Syll.p.733; (Podos.)--  
 BOREALIS, K.-Cleve Vega p.485; (Rhipid.)  
 CALIFORNICA, Grun.-V.H.S.pl.47f14; Woll. pl.47f32, 32a; Det.S.p.733;  
 CAPENSIS, Grun.-Hedw.Vol.6p.36, f36; M.T.P.3-2-3, 4; Det.S.p.733;  
 (Podosph.)----  
 COMMUNIS, Heiberg.-V.H.S.pl.43f8, 9; Det.S.p.733; Malaisie:-(Podos.)  
 \* v. elongata, Det.S.-Erbol.Critt.Ital.No.1459; Hedw.Vol.6p.36;  
 Det.Syll.p.733;  
 CONSTRICTA, Grun.-V.H.S.pl.47f5; Malaisie: (L.Jurgensii, v.?)  
 CRATICULA, Mont.Ann.p.308; Syll.p.473; Det.S.p.739; (Podosph.)-  
 CROZIERI, Grun.- (L.remilis.)--  
 CRYSTALLINA, K.-V.H.S.pl.43f19, 20; Det.S.p.737;  
 (L.paradoxa, v.: -Rhip.)--  
 DALMATICA, K.-Hedw.Vol.6p.35; Dannf.p.46; V.H.S.p.153-47f7, 9;  
 T.No.326; Villef.p.66; Det.S.p.733; (Podosph.: -Rhipid.)--  
 \* v. tenella, Grun.-V.H.S.pl.47f8; Det.S.p.733; (Rhipidoph.t.)--  
 DEBILIS, K.-V.H.S.pl.43f22, 23; Det.S.p.738; (Podosph.)--  
 \* v. laevissima, Grun.-V.H.S.pl.43f24, 25; Det.Syll.p.733;  
 DIVISA, K.B.p.123-11f5; K.S.A.p.113; Prit.p.772-13f16;  
 (L.grandis: -Rhipid.elongata.)  
 EHRENBERGII, K.-Grun., Hedw.Vol.6p.33; Dannf.p.46; Villef.p.66; V.H.S.  
 pl.47f12, 13; Det.S.p.731; (Podosph.)--  
 \* v. angustata, Grun.-Hedw.Vol. (1367)p.36; (Podos.)  
 ELONGATA, Cleve Vega p.485;  
 ERYTROGA, Grun.-Det.Syll.p.733; (Podosph.t., Sphaer.)-  
 FIBULA, Grun., in Hedw.Vol.6p.23; (Gomphonema tinetum.)  
 GOMPHONEMA, Grun., in Hedw.Vol.6p.41; Grun. in Hedw.Vol.6p.41; Carr. p.206;  
 206; K.B.p.123-12f1(2-4); K.S.A.p.113; Wyatt Alg.Darm.234; Prit.p.  
 771-119; 13f191-193; T.H.S.1366p.37; L.H.S.3p.3121; Grun. 1373p.26;  
 13-3f3b; Breb.D.C.p. : Carr.p.78; Cl. & M.119; Grun.1373p.26; Carr.  
 13f1.342, 1171; V.H.S.1.508; V.H.S.1.401, 2; T.383; Prit.p.772-13f16;  
 S.p.731; Villef.p.66; Woll. pls.29f1, 2; 47f27-29; Shark River;  
 Malaisie: Carr. 1897p.3395; (Gomphonema t. tinetum.)  
 Exilaria; Meridion radians; -L.Meneghiniana, argentescens, silendia; -  
 Gomphonema argentescens, flabellatum, flabellum.)  
 \* forma brevior, Cleve Vega p.485; var. minor, K.S.A.p.113;  
 FLABELLATA, S.B.D.1p.36-pls.26, 32f234; Front.; Sci.G.1366p.282; Det.  
 H.S.1376p.36; Det.Syll.p.733; S.S.1.508; (L. radialis: -Rhipid.)  
 FULGENS, K.B.p.123-13f5; K.S.A.p.113;  
 (Algidia: -Dietrichia: -Exilaria: -Gomphonema: -Sphaer.)--  
 FRACILIS, L.-Grun., Hedw.Vol.6p.34; Dannf.p.46; V.H.S.1.401; Villef.  
 p.66; Woll. pl.47f30, 31; Det.S.p.732; Oestup 1897p.3395; (Podosph.)--  
 \* v. elongata, K.-Det.Syll.p.733; (Rhipidophora t.)--  
 FRANCIS, K.-Grun., V.H.S.1.43f2, 3; Cl.Vega p.485; Malaisie; Det.Syll.  
 p.736; (Podosph.)--  
 \* v. divisa, Grun.-V.H.S.1.43f4, 5; (Lic.div.)-

+ paradoxa, oestrup 1897 p. 339: Petit, Cap Horni.







REMULUS, Grun.-M.M.J. 1877p. -193fI; Hbaw. 1867p. 34; V. 1. S. 1. 1. 46f4;  
 Det. Syll. p. 731; (Podospheena.)  
 SPLENDIDA, Grev.-Hooker's British Flora p. 403; Harv. Man. p. 205; S. B.  
 D. Ip. 351 1s. 26, 32f233; Breb. O. C. p. : Prit. p. 771; M. D. pl. 12f3; Lewis,  
 N. & R. S. p. 37; Coll. p. 73; Sm. Sp. T. 210; A. J. M. 1873p. 134; (Cyclotella  
 Menziesiana, radiata, s.; -Gomphonema; -L. al. rostrata, v.; -L. al. (L.)  
 TENNIS, K.-Grun., Hbaw. Vol. 6. 1. 35; Det. f. 1. 43; L. 1. 9. 1. 77;  
 (Podospheena, v.; -Rhizidophora, v.) --- (L. 1. 9. 1. 77)  
 TINCTA, Ag.-Grun., Hbaw. Vol. 6. 1. 35; Det. f. 1. 43; L. 1. 133f. 1. 1. V. 1. S. 1. 1.  
 43f13-15; T. 323; Shark River; Wolle pl. 47f35-37; Malaisia;  
 (Gomphonema; -Podospheena; -Rhizidophora.) ---

LIONEIS.----- (Ehr., 1872)

PARADOXA, E.-Abh. Ber. 1872p. -2f19:

LIOSTEPHANIA.--- (Ehr., 1847.)

CAVITA, E.-Abh. Ber. 1847p. 55; 1875pl. 1f5, 3; Mik. pl. 36f41;  
 Prit. p. 313; Wolle pl. 62f21; Det. Syll. p. 1422;  
 JAPONICA, Brun & T. p. 33-4f2; Det. S. p. 1422;  
 MAGNIFICA, E.-Abh. B. 1847p. 55; 1875pl. 1f7, 3; Mik. pl. 36f42;  
 Prit. p. 313-5f53; Det. S. p. 1422;  
 ROTULA, E.-Abh. Ber. 1847p. 55; 1875pl. 1f9, 10; Mik. pl. 36f40; Prit. p.  
 313-5f57; M. D. pl. 43f32; Det. S. p. 1422;  
 \* var., A. S., Atlas 30f9, 10;  
 SCHMIDTII, Grun.-V. H. S. pl. 127f10; Det. Syll. p. 1422:

LIPAROGYRA.----- (Ehr., 1844.)

CIRCULARIS, E.-Abh. Ber. 1844p. 219; 1875pl. 1. 2a, f3, 4; R. S. 1. 1. 13; Prit.  
 1. 323; Sm. Sp. T. 1. 1-114; (Melosira Roeseana, v. Roeseana, v.) ---  
 DENDROTETES, E.-Abh. B. 1844p. 219; 1875pl. 1. 2a, f5-9; R. S. 1. 1. 12; Prit.  
 p. 323-5f72; Deby D. T.: M. T. P. 2-1-3;  
 (L. spiralis, v.; -Melos. Roeseana, v. dend.; -Orthosira mirabilis.) ---  
 SCALARIS, E.-Mik. p. 140pl. 34-5a, f2; Prit. p. 323;  
 SPIRALIS, E.-Mik. pl. 34-5(a)f2; Sm. Sp. T. 210; A. J. M. 1873p. 134; Atlas,  
 132f39; (L. dendrotetes; -L. Roeseana, v. spir.)

LIRADISCUS.----- (Grev., 1865.)

BARBADENSIS, Grev.-T. M. S. 1865p. 5-1f14; M. D. pl. 43f13; Rattr. Rev. p. 222;  
 CAPENSIS, Cleve, N. L. K. D. p. 22-5f31; Rattray Review Cosc. p. 221;  
 Det. Syll. p. 1159; (Cyclotella.) ---  
 ELLIPTICUS, Grev.-T. M. S. 1865p. 99-3f3; Rattr. Rev. p. 222; Det. S. p. 1159;  
 FURCATUS, Grove.-Rattr. Rev. p. 222-3f13; Det. Syll. p. 1159;  
 LUCIDUS, Brun & T. p. 72;  
 MARGINATUS, Grove.-Rattr. Rev. p. 222-3f13; Det. Syll. p. 1160;  
 MINUTUS, Grev.-T. M. S. 1865p. 47-5f3; Atlantic Olig; Rattr. Rev. p. 222;  
 Wolle pl. 63f14-16; Det. S. p. 1161;  
 OBLONGUS, Grun.-Cl. & M. No. 275; Rattr. Rev. p. 222; Det. S. p. 1161;  
 OVALIS, Grev.-T. M. S. 1865p. 5-1f15, 16; J. O. C. 1877p. 71; Det. Syll. p. 1160.

Lithodesmium. - (Ehr., 1840).

Californicum, Gr., - V.H.S. pl. 115 f. 9; Bruntz p. 72; De F. C. p. 986;

" v. trigona, Bruntz p. 72;

Indicum, Gr., - V.H.S. pl. 186 p. 335-178; Kelle, 82 f. 28; De F. C. p. 986;

cornigerum, Br., - Le D. 2, No. 22 p. 239-24 f. 15-17;

Indicum, Gr., - V.H.S. pl. 115 f. 6; De F. C. p. 986; - (Triceratium).

Indicum, Gr., - V.H.S. pl. 116 f. 5; Atlas 13 f. 13-17; 173 f. 11;

Kelle, 104 f. 18, 19, - De F. C. p. 986. -

" forma major - Gr., - V.H.S. pl. 116 f. 6;

Indicum, Gr., 1891 p. 25-48; De F. C. p. 987 - (Ditylum)

Indicum, Gr., - V.H.S. pl. 140 p. 75-45 f. 13; K. D. p. 135-24 f. 24; K. S. A. p. 138; M. S. pl.

107 f. 1 - P. f. p. 397-2 f. 41, 42; R. S. D. p. 317 f. 89; - V.H.S. p. 202-116 f. 8-11; J.

No. 576; V. H. f. p. 70; Atlas 152 f. 1-3; De F. C. p. 985; Cl. 1897, 241

" v. minor, Gr., - V.H.S. pl. 116 f. 12;



EHRENBERGII, Trevisan I348 Algae Coccot. p.95:

(Diatoma.)

ELONGATA, Trev. Alg. Coccot. I343 p.95:

LUNULIWA. ----- (St. Vincent, 1822.)

OLIVACEA, Bay, Dict. Class.

(Cocconeis olivacea.) ----

Ag. Cons. p. 39.

(merid. vernalis)

LYSICYCLIA. -----

VOGELII - E. - Abh. Berl. I353 p.333-329; Pril. I. 313-315; Det. Syll. p.

I370:

(Hyalodiscus?) ----

LYSIGONIUM. ----- (Link, 1820.) -

AMERICANUM, K. - De Toni, Syll. p. I330:

(Melosira A.) --

CRENULATUM, K. - Lagr. I334 p.34:

FASCIATUM, Lagr. I334 p.55: (Dillw.) --

(Conferva; -Mel. varians.) -

LINEATUM, Link, - Hort. Berolinensis I320 p.4:

(L. &amp; Melosira moniliformis; -Melosira.)

JURGENSII, Ag. - Trev. Alg. Coccot. p.95: Det. Syll. p. I330;

(Conferva lineata, p.p.: -Mel. subflexilis.) ---

" v. subangulare, Grun. - Det. Syll. p. I330:

(Mel. Jurg., var. octagona.) ----

MONILIFORME, Link. - Hort. Berolin. I320 p.4; Det. S. p. I328:

(Conferva lineata, m., &amp; nummuloidea; -Gailonella lineata &amp; m.: -Det.

Borreri, lineata, lentigera, &amp; m.: -L. &amp; Fragilaria lineata; -Podiscus

Jamaicensis; -Rosaria lentigera.) --

" forma Bottnica, Grun. - Det. Syll. p. I329;

(Melosira B.) -

" v. hispida, Castr. - Det. S. p. I329:

(Mel. Borreri forma hisp.)

NUMMULOIDES, Heib. p.29; O'M. I. D. p.243-264;

(Mel.)

ORICHALCEUM, Mert. - Lagr. I334 p.34:

(Conferva; -Mel.) ----

SUBFLEXILE, K. - Lagr. I334 p.45:

(Melosira s., &amp; Jurgensii; -Mel. varians, var. s.; -

TUBERCULOSUM, Cl. - Det. Syll. p. I330:

(Melosira t.) --

WESTII, O'M. - ? - (Melosira m.)

MARGARITOXON. -- (Cohn, 1861.) -

COHNII, Janisch in Verh. Schl. Gesells. January, I361;

(Entopyla C. &amp; Australis; -Euphyria &amp; Gephyria incurvata.) --

MASTODISCUS. --- (Bailey, 1874.) -

Vide J.W. Bailey N. Sp. p.4: 1853:

(Auliscus.) -

MASTOGLOIA. ----- (Shevailer, 1846.) -

Am. Nat. I333 p.510-I339:

Zinn Atlas p.92:

Atlas p. I. I33123, 41, 42, 44, 45;

C. Trav. 2, p. 142:

Atlas p. I. I37121, 23-30, 33, 35:

Per. Viller. p. 11-3121:

ACUTA, Grun. - Cl. Vega p.491-3513; Malaisie; Det. Syll. p. I330:

Atlas p. I. I3313, 24:

Atlas p. I. I33114, 32, 34, 35, 36, 40:

Atlas I33122; Cl. Nav. 2 p. 136-23/13:

ACUTIUSCULA, Grun. MSS.; Cl. Vega p.495; Det. S. p.319;

AFFINIS, Cl. - Led. No. Iip. I63-2319; Cl. Nav. 2 p. 151:

AFFINATA, Grun. - Atlas I33131; C. Nav. 2 p. 155: 4<sup>th</sup> p. 162-23/15

(navicula; - M. equamosa.) -



ALBIFRONS, Brun.-Atlas I37f33:

(M. exarata.) ---

AMPHICEPHALA, Grun.-Atlas I35f15:

" v. humerosa, Brun.-Atlas I35f13, 14;

AMYGDALA, Fortm.-Ann. Bot. Brit. I392p. 19-2f7: -(M. exigua)

ANGULATA, Lewis, N. &amp; R. S. p. 65-2f4; Lagr. I373p. 57; Cl. &amp; M. No. 205: Grun.

I373p. 15; Sm. Sp. T. 211; Villef. p. 44-3f22; Woll. pl. I07f10; Malaisie;

Atlas I35f24; I3714-II;

" v. pusilla, Grun.-M. M. J. I377p. 175-195f3; Cl. Nav. 2p. 147

ANTIQUA, Schum. H. T. p. 30-4f63; I362p. 190-9f53; R. E. D. p. 263; M. T. P.

I375p. 6 -109f4; LeD. No. I3p. 16-1f19; Det. S. p. 317; Cl. Nav. 2p. 11

APICULATA, S. B. D. 2p. 65-62f337; Grun. I360p. 577-5f9; Prit. p. 925; Bull;

+ Carr. p. 114; Guinard p. 33; Breb. Verm. p. 10f17; Jan. &amp; R. p. 9-2f17; R. E.

D. 1. 262; N. &amp; R. S. p. 69; O' M. I. D. p. 327; Lanzi I373p. 6; Fortm. Cey. p. 35;

M. T. P. 2-5-3; Cl. Vega p. 494; Perag. p. 31; Villef. p. 44; Woll. pl. 5f24;

Malaisie; Det. S. p. 319; Atlas I35f43; I36f23; + (M. angulata, R.)

&gt; AUCILEGIA, Grun.-M. T. P. 2-5-5; Det. S. p. 323; Atlas I35f21, 22:

&gt; BAHAMENSIS, Cl.-LeD. No. I3p. 14-1f15; Atlas I33f20, 21; Cl. Nav. 2p. 11; (M. bathyphragma)

&gt; BALUTICIANA, Grun.-Atlas I33f1, 2: Cl. Nav. 2p. 11; (M. bathyphragma)

&gt; BALKANICA, Grun.-Atlas I37140; Cl. Nav. 2p. 11; (M. bathyphragma)

+ &gt; BALTICA, Grun.-V. H. S. pl. 4f24; Det. S. p. 320; Atlas I35f33; (M. bathyphragma) ---

BINORNATA, O' M. -M. J. I371p. 211; Det. Syll. p. 325;

BINOTATA, O' M. -M. J. I372p. 312; Det. S. p. 325; Cl. Nav. 2p. 11; (M. bathyphragma)

BISULCATA, Grun.-M. M. J. I377p. 173-195f3; Det. S. p. 323; Cl. Nav. 2p. 11;

" v. Corsicana, Grun., V. H. S. pl. 4f23; Villef. p. 44; Det. S. p. 323;

Malaisie; Atlas I37f23; (M. Cors.) ---

BRAUNI, Grun. I363p. 156-13f2; I373p. 14; R. E. D. p. 263; M. T. P. 2-5-1, 2, 3:

+ V. H. S. p. 71-4f21, 22; T. No. 49; Truan I385p. 32-2f3, 4; Villef. p. 44; Cl.

I391p. 50; Det. S. p. 322; Atlas I35f39, 45; I38f4-12: Cl. Nav. 2p. 158:

" v. humila, Grun.-V. H. S. p. 71-4f23; Cl. I391p. 50; Det. Syll. p. 322:

&gt; Atlas pl. I38f13: -(M. humilis) Dan

BRUNII, A. S., Atlas I38f27; (M. fallax.)

&gt; BULLATA, A. S., Atlas I36f36; -(M. erythroga.)

CAPITATA, S. B. D. 2p. 65-54f341; 62f337; Prit. p. 925; Grun. I360p.

577-5f9; Cl. 1897p. 24: (M. Smithii, v.) ---

CAPITATA, Grun., M. J. I362p. 135-10f11, 12; R. E. D. p. 321; Det. S. p. 323:

CASTRACANEI, Brun.-Atlas I33f55; Cl. Nav. 2p. 11; (M. Smithii, v.) ---

CHERSONENSIS, A. S., Atlas I36f31, 32; -(M. elegans) Cl. Nav. 2p. 161

CITRUS, Cl. Vega p. 495-35f7; Malaisie; Atlas I37f16-19; Det. S. p. 320:

(M. Balticay-Phlyctenia pinnata.) --- Cl. Nav. 2p. 158:

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CLOSEII, O' M. I. D. p. 326-29f10; Det. S. p. 322:

+ COCCONEIFORMIS, Grun. I360p. 578-5f14; R. E. D. p. 263; Det. S. p. 321;

CONCINNA, A. S., Atlas I36f9:

CONSTRICTA, Cl.-LeD. No. 11p. 159-23f5; Cl. Nav. 2p. 154:

" var., A. S., Atlas I37f2;

CONVERGENS, O' M. -M. J. I373p. 319; I. D. p. 325-29f9; Det. S. p. 321;

CORSICANA, Grun.-Cl. &amp; M. No. 153: (M. bisulcata, v.)

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7 crucicula, Gn. Cl. Nav. 2 p. 148

-(orthoneis)

Danesii, Dampf. Balt. p. 16-173: -(M. elliptica.)  
" v. elliptica, Dampf. Balt. p. 16-173: -(M. elliptica.)  
" v. turgida, Brun. - Atlas 185 f 5-8: -(Elliptica, var. Danesii.)  
" v. inflata, Brun. - vide description of Atlas 185 f 11:

7 Dubia, Cl. Nav. 2 p. 162-2 f 38

elliptica, Ag. -

- > " v. Australis, Cleve, Nav. 2 p. 152:
- + " v. Danesii, (M. a. turgida, s. turgida, h.p. of Danesii, var. turgida.)
- > " v. punctata, Cleve Nav. 2 p. 153:
- + entoleia, Cl. Nav. 2 p. 158:
- + erythroea
- > " var. interrupta, Hb. - Cl. Nav. 2 p. 154: -(M. interrupta)

+ exigua, Cl. Nav. 2 p. 151: -(M. angulata.)

- > fallax, Cleve, Nav. 2 p. 153-2 f 16: -(M. Brun.)
- > flexuosa, Cl. Nav. 2 p. 154-2 f 12:
- + viridana, C. (Hb. ...)

fallax, Hb. Cl. Nav. 2 p. 153: -(M. Brun.) var. puncta, Hb. G.



- CRAVENI, Leud. Fortm. - LeD. Vol. 2p. 36-10f5; *Cl. Nav. 2p. 159*; (Orthon. ....)  
 CRIBROSA, Grun. I860p. 577-5f10; *R.E.D. p. 263*; V.H.S. pl. 23f6;  
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 COSPIDATA, Cl. - LeD. No. I3p. I4-If13; Atlas I37f25-27; (Navic. ....)  
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 p. 70-4f13; Cl. I88Ip. 3; Perag. p. 6I; Det. S. p. 315; Atlas I35f22;  
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 v. limosa, Brun. - Atlas I35fII;  
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 DECUSSATA, Grun. MSS.; LeD. No. IIP. I32-23f17; Atlas I35f13, 4I;  
 (M. trivolvra?) - *Cl. Nav. 2p. 147*;  
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 FOLIOLUM, Brun. - Atlas I37f45; *Cl. Nav. 2p. 162*;  
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 GOESII, Cl. - LeD. No. IIP. I30-23f3; Atlas I35f15; *Cl. Nav. 2p. 154*

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inaequalis, Cleve Nav. 2p. 150-2 f 15:

- gibbosa, Gr. - Nav. 2p. 150-2 f 15: - (Orthoneis)

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" marina, Jan. R. - Cl. Nav. 2p. 160-2 f 13: - (Nav. mar. l. c.)

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" var. intermedia, Cl., Nav. 2p. 153-2 f 10:

> lamprostricta,

" var. adamantina, Brn. - L.D. 2, No. 22 p. 240-22 f 8:

> lanceolata, forma micena, Brn. - L.D. 2, No. 22 p. 22 f 10:

> latericia, Cl. - Cl. Nav. 2p. 162: - (Orthoneis). Atlas 187 f 10:



GREVILLEI, S.B.D. 21. 35-32f1339; M.J. 1333. 4-1f13; M.M.J. 1333. 7; Prit. p.925; Heib.p.94; Carr.p.114; Jan. & R.p.9-4f9; R.E.D.p.260; O'M.I.D. p.323; V.H.S.p.71-4f20; T.No.48; Wolle pl.30f17,18; Kinnora; Del. Syll.p.315; Atlas 135f1-3: *Cl. Nav. 2p.146*; (M. Smithii, v.)-

" v. elliptica, Brun.-Atlas 135f19:

GROVEI, Cl.-LeD.No.IIp.131-23f10: *Cl. Nav. 2p.149; (M. Smithii) -*

GRUNDLERI, A.S., Atlas 133f26; *Cl. Nav. 2p.162*:

GRUNOWII, A.S., Atlas 133f1-7: -(M. 5-Costata.)

HORVATHIANA, Grun. 1330p.573-5f13; R.E.D. 1.353; Prit. Vill. 1.44:

DeT. S.p.325: *Cl. Nav. 2p.149*; (Orthoneis.)---

INTERRUPTA, Hantzsch, 1333p.20-2f5; Grun. 1333p.16; R. Alg. Eur. 1.130.

1403; R.E.D.p.263; DeT. S.p.323; Atlas 136f37; -(M. Erythroca, var. int.) -

INTERSECTA, A.S., Atlas 136f33; *Cl. Nav. 2p.162*;

JAPONICA, Cl.-LeD.No.IIp.132-23f16; *Cl. Nav. 2p.160*:

JAVANICA, Cl.-Atlas pl.133f33: *Cl. Nav. 2p.159*:

JELINECKI, Grun. 1333p.99-12, f11; M.M.J. 1377p.174-195f11; Sm. Sp. T. No.

213; A.J.M. 1373p.134; Malaisie; Cl. 1373p.7; Vega p.494; Del. S.p.

313; Atlas 137f19; *Grevillea vol. 1p.78-5f12: Cl. Nav. 2p.160* (Nav. Jelineckii) --

" forma minor, Cl.-DeT. Syll.p.323; - - - - - (Nav. Jelineckii)

" v. rostellata, Grun., in Heaw.; - - - - - : Del. S.p.313: -(M. rost.) --

" v. Italica, Brun.-Atlas 137f43; -(M. Jelin.) -

KARIANA, Grun.-Cl. 1330p.17-1f3; Vega p.460; Del. S.p.319; *Cl. Nav. 2p.151*:

KERGUELENSIS, Cast. 1337p.22-13f11; Del. S. 1.321; (M. 5-Costata, var. E.)

KINSMANNI, Lewis, M.D. 1.17-2f15; Wolle, pl.25f25, 27; Del. S. 1.317: (M. 5-Costata, var. E.)

KUELLMANNI, Cleve Vega p.495-35f6; Malaisie; DeT. Syll.p.319:

Atlas pl.136f27: *Cl. Nav. 2p.147*:

LABUENSIS, Cl. Vega p.495-35f6; Del. S. 1.316; Malaisie; Atlas 133f4: +

LACUSTRIS, Grun.-V.H.S.; (M. Smithii, v.)-

" v. conifera, Brun.-Atlas 135f12:

LAMINARIS, E.-Grun., Cl. & M.No.153; Cl. Vega p.494; DeT. S.p.321:

Malaisie: *Cl. Nav. 2p.153*; ((Ceratonais))

LANCEOLATA, Thwaites.-S.B.D. 21. 34-34f319; Grun. 1330p.576; 1373p.14-

3f11; Prit.p.924; Heib.p.94; Eul. Sp. T. No.56; Carr.p.114; R.E.D.p.

261; M.D. pl.42f22; New Zealand; Lewis, N. & R.S.p.39; Girard Foss.p.13-

3f5; Hull; 1333p.230; Cl. & M.206; Sm. Sp. T. 214; Breb. Verm. p.10; O'M.

I.D.p.324; Macdonald pl.10f21; Dannf. p.15-1f2a, b; Fortm. Cey. p.35;

Lanzi, Ostia p.31; 1376p.5: M.T.P. 2-5-7: V.H.S.p.70-4f15-17; Lag. 1376

p.57; Carp. 1331p.359f190; Wolle pl.30f19; Perag. p.61; Pant. 2p.41;

Malaisie: Atlas 133f29: *Cl. Nav. 2p.153*; (M. & Nav. 133f29)

" var. "b" producta, Grun. 1330p.576-5f6; Lagr. 1376p.57; Malaisie;

Cl. Vega p.494; (M. Smithii, p.1.)

" var. "g" minuta, Grun. 1330p.576-5f7; Malaisie;

" v. Hungarica, Pant. 2p.41-7f136; -(M. Smithii) -

LANCETIOLA, Cl.-LeD.No.IIp.133-23f13; Atlas 133f34; *Cl. Nav. 2p.151*:

LINEOLATA, A.S., Atlas 136f35;

LEMNISCATA, Fortm. Cey. p.35-3f29; Malaisie; DeT. Syll.p.324;

Atlas 136f14, 15; *Cl. Nav. 2p.159-2f26*; -(M. decora, Fortm.)

LEUDUGERI, Cl. & Grove.-LeD. Vol. 2p.68-10f5; Atlas 133f13; *Cl. Nav. 2p.151*:

LINEATA, Cl. & Gro.-LeD. Vol. 2p.59-9f11; Malaisie; Atlas 133f22; *Cl. Nav. 2p.151*:

+ marginulata, M. J. 1877 p. 175: Cl. Nav. 2p. 150

& hanc Paris,

(Pocconis.)

" microscopica, M. J. 1877 p. 22/24-22

resque, Pa. 7. 3 pl. 42 f 50: - (M. Balty.)

notata, Pent. - Cl. Nav. 2p. 151: - (Orthoceras.)

- ananeis, Cl. Nav. 2p. 150-2 f 19: - (Orthoceras, Pocconis.)

> Putchella, Cleve, Nav. 2p. 153-2 f 27-29:

> Purita Gm. - Cl. Nav. 2p. 157: - (M. Braueri, v. puri.) -

Quinquecostata, Cl. Nav. 2p. 161: (Nav. olivacea Geze is: m. granovii obscura, 5 denticulata & sinuata, f. 4)

" triquetralis, Post. Cl. Nav. 2p. 161: - (M. Kory.)

" elongata, Cl. Nav. 2p. 161: - (M. elong.) -

" oblonga, Cl. Nav. 2p. 161: -

> Rhomboidalis, P. f. 1877 p. 175: - (M. Balty.)

+ rhombus, Cl. Nav. 2p. 146:

+ rostellata, Cl. Nav. 2p. 147:

+ rhombus, Cl. Nav. 2p. 150:



- MACDONALDII, Grev.-Trans.Bot.Soc.Edinb.1854.237-3115; Det.S.11.  
p.323; Atlas pl.187f42,43: *Cl. Nav. 2p. 158-2f21*:
- MANCA, A.S., Atlas 183f33;
- MARGINULATA, Grun.1863p.15-1112; M.T.P.2-5-4; Det.S.1.321;  
\* var., A.S., Atlas 186f30; -(*A. marg.*) -
- MAURITIANA, Brun.-Atlas 186f28;
- MAXIMA, Grun.1863p.156-13f1; R.E.D.p.262; Det.S.p.313;
- MELLAGRIS, Grun.1863p.156; 1863p.16; R.E.D.p.261; M.T.P.2-5-5; Cl.  
Java p.12; Det.S.p.314: (Ceratoneis; -M.lanceolata; -Navicula  
\* v. Hungarica, Pant.-Det.S.p.315: (M.lanceolata, v. m.)  
\* v. undulata, Grun.-R.E.D.p.261; Det.S.p.315: (Mast. und.)----
- MINUTA, Grev.-R.J.M.S.1857p.12-3115; Prit.1.925; Grun.1863p.16; R.E.  
D.p.263; M.M.J.1877p.174-195f7; Fortm.Cey.p.35: Cl.Vega p.494; Det.  
S.p.317; Malaisie; Atlas 187f22,24; *Cl. Nav. 2p. 158-2f21*:
- \* forma Borneensis, Det.Syll.p.317:
- OBESA, Cl.-Led.No.15-1f16: *Cl. Nav. 2p. 160*:
- OBSCURA, Fortm.Cey.p.33-3183; Det.Syll.1.324; -(*M. truncatula*)
- OBTUSA, Pant.2p.41-71f34; Det.S.p.319; }-(*m. elliptica*)
- \* v. fluvialis, Brun.-Atlas 183f18;
- OCULIFORMIS, Brun.-Atlas 187f39;
- OVALIS, A.S., Atlas 185f30; -(*m. ovata*.)
- OVATA, Grun.1863p.573-5f12; R.E.D.1.262; Cl.1863p.17-11f12; Vega p.  
460; V.H.S.pl.28f5; Brun & T.p.72; Villef.p.44: Det.Syll.p.318;  
Malaisie; *Cl. Nav. 2p. 158-2f21* (Orthoneis.)---
- PARADOXA, Grun.-Cl. & M.1857? Det.Syll.1.325; *Cl. Nav. 2p. 158-2f21*
- PANDURIFORMIS, Cleve.-N.L.K.D.1.4-1f1: (Dictyonis f.)
- PORTIERANA, Grun.1863p.157-13f3; R.E.D.p.263; O'M.I.D.p.320-23f11:  
Det.S.p.218: *Cl. Nav. 2p. 153*: *Rev. vel. h. 44-5f23*
- PERAGALLI, Cl.-Led.No.IIp.160-23f7; Atlas 186f39; *Cl. Nav. 2p. 158-2f21*
- PERACUTIA, Jan.-Atlas 187f37; *Cl. Nav. 2p. 162*
- PETHOI, Pant.3p.7-37f519: (*m. mistiv.*)
- PISCICULUS, Cl.-Led.No.151.55-3f2; *Cl. Nav. 2p. 158-2f21*
- PUSILLA, Grun.1873p.14-3f10; J.R.M.S.1879p.373; Atlas 185f31,32;  
(M. Smithii, v.) *Cl. Nav. 2p. 158-2f21*; *Cl. & M. 1872 261*
- QUINQUECOSTATA, Grun.1863p.573-5f3; 1863p.16; R.E.D.p.262; Cl.Vega p.  
494; Perag.p.61; Villef.1.44-3f21; Malaisie; Det.S.p.323; Atlas 187f1:  
\* var., A.S., Atlas 186f17,18:  
\* var., Hantzsch 1863p.20-6a,f6: (M.5-cost.)---  
\* v. Neapolitana, Brun.-Atlas 186f10:
- RADIANS, A.S., Atlas 188f23; *Cl. Nav. 2p. 162*:
- REMOTA, A.S., Atlas 188f29; *Cl. Nav. 2p. 162*:
- RETICULATA, Grun.-M.M.J.1877p.174-195f14; J.Q.C.1863p.321; Villef.p.  
44-2f10: (Dictyonis Jamaicensis & marginata.)---  
\* v. Japonica, Brun & T.p.72:-(Dict. marg. var. Janischii.)
- RHOMBICA, Cl.Vega p.494-35f9; Malaisie; Det.Syll.1.325; *Cl. Nav. 2p. 158-2f21*
- RHOMBUS, Petit.-Led.Vol.21.58-9f12; Atlas 187f33-35; Malaisie; -(Nav.)
- ROSTELLATA, Grun.-M.M.J.1877p.174-195f12; Det.S.p.313; -(M. Jelinekii, v.)
- RIMOSA, Cl.-Led.No.13p.13-11f15; Atlas 186f25; *Cl. Nav. 2p. 158-2f21*

Smithia, Thunb. (M. ... .. M. laev. v. ... ..) Carp. 1891, f. 416.

"v. amphicephala, fr.? - Cl. & M. #161 sub; Atlas 185 f. 13, 14;  
[M. Smithii, B.; M. cap. :-]

+ "v. lanceolata, fr.? - Cl. & M. #161: - (M. ... ..)

Smithia, Olin. Cl. & M. 2p. 148: - (Orthocentrus)



- RUGOSA, Brun & Temp. p. 39-9f40: *Sagitta-carpinensis*, Gr. L. 2, 2, 2, 2, 2 (Diet. p. 118 r.)
- SANSIBARICA, A.S., Atlas I87f44;
- SERIATA, Cl. & Gro.-LeD. Vol. 2p. 66-I0f6; *Cl. Nav. 2p. 161*;
- SEYCHELLENSIS, Grun.-J.R.M.S. I379p. 673; Det. Syll. p. 314;
- SINUATA, A.S., Atlas I36fII;
- SMITHII, Thw.-S.B.D. 2p. 65-54f34I; Grun. I360p. 575-5fII; I373p. 15; Prit. p. 925; Schum. I364p. 25; Meisch, I363; Carr. p. 114; R. Alf. L. No. 966 car; Hull.: R.E.D. p. 26I; Cl. I333p. 230; I39Ip. 50; Cl. & M. 36; N. & R.S. p. 7I; Girard Boss. p. 15-3fII; O'M. I. 3. p. 327-29f12; Brun. Alp. p. 92-3f23; Sm. Sp. T. 2I5; Gallik, Papan; J.R.M.S. I379p. 673; Det. lists p. 2I; Tataron I379p. 39, fI3b; Carr. I33Ip. 359, fI39; V.H.S. p. 70-4fII; T. No. 43; Lake Michigan; Malaisie; Delogne; Belloc, Luchon p. 49fI5; Peraq. p. 15; Det. Syll. p. 313; Wolle pl. 30f2f-23; Pant. 3p. 1-37f520; Paris. p. 30; Atlas I35f9, 10, 20, 21, 22; *Cl. Nav. 2p. 152* (Frist. elliptica; -nav. fo. scalaris.)
- vars., A.S., Atlas I35fI7, I3; I36f34, 35; I37f3I;
- v. *abnormis*, Grun. I373p. 14; Det. Syll. p. 314; *Cl. Nav. 2p. 152*;
- v. *amphicephala*, Grun.-V.H.S. pl. 4f27; Lake Michigan; Malaisie; +
- v. *capitata*, S.B.D. 2p. 65-54f34Ib; O'M. I. 3. p. 327; (M. cap.)
- v. *Doljensis*, Pant.-DeToni, Syll. p. 314; (M. Dol.)
- v. *Grevillei*, Brun Alp. p. 92; (M. Grev.) ---
- v. *intermedia*, Grun. I373p. 13; Det. S. p. 314; *Cl. Nav. 2p. 152*;
- v. *lacustris*, Grun.-V.H.S. p. 70; Lake Michigan; Det. Syll. p. 314; Atlas I33I3I; *Cl. Nav. 2p. 152*; (M. lac. p. + 135)
- v. *lanceolata*, Brun Alp. p. 92-3f29; Belloc, Luchon; *Cl. Nav. 2p. 152*;
- v. *pusilla*, Grun.-Det. Syll. p. 314; (M. pus.) --
- SPLENDIDA, Greg.-Peraq. Villef. p. 43; *Cl. Nav. 2p. 152* (Orthonotus.)
- SQUAMOSA, Brun.-Atlas I36fI9, 3/8 (M. affirmata.)
- SUBMARGINATA, Grun. & Cl.-N.L.KD. p. 4f-I f2; Wolle, pl. I07fII; Det. S. p. 324; *Cl. Nav. 2p. 160*;
- SUBORBICULARIS, Forth.-Ann. Bot. Brit. I392p. 19-2f5; (M. orb.)
- SULCATA, Cl.-LeD. No. IIp. I32-23fI3, I4; Atlas I37f5I; *Cl. Nav. 2p. 152*;
- SZONTAGHII, Pant. 2p. 4I-29f4I6; Det. S. p. 322; Atlas I37f12; *Cl. Nav. 2p. 152*;
- TAENIATA, Rauh. E. 3. p. 253; (Pinnularia L.)
- TEMPEREI, Cl.-LeD. Vol. Ip. 23-3f3; Det. S. p. 323; *Cl. Nav. 2p. 160*;
- THAITIANA, Casti. I337p. 22-23fII; Det. S. p. 320; *Cl. Nav. 2p. 152*;
- TRIVOLVA, Brun.-Atlas:-(M. decussata.) ---
- TUMESCENS, Brun.-Atlas I37f20; *Cl. Nav. 2p. 162*;
- UNDULATA, Grun. I360p. 575-I f5; 5f5; M.M.J. I377p. I75-I95f5; Malaisie; Cl. Vega p. 494; Villef. p. 44-3f24; *Cl. Nav. 2p. 155*; (M. meleagris, v.) --

## MASTOGONIA. ---- (Ehr., 1844.)

- f, E., Mik. pl. 38B-22f6; -, Weisse I354p. 247, f"x":
- ACTINOCYCLUS, E.-Abh. Ber. I355p. 302;
- ACTINOPTYCHUS, E.-Abh. B. I344p. 209; Mg. pl. 13fI09a, b; 19fI6; 33-I3fI6; K.S.A. p. 25; Prit. p. 3I4-3f59; M.D. pl. 43f23b; Schum. I367p. 3I; T.M.S. I366p. 2-II4; Atlantic City; Det. S. p. I0I3:-(Pyxidicula; -Stephanogonia)
- CRUX, E.-Abh. 3. I344p. 239; Mg. pl. 33-I3fI3; K.S.A. p. 25; Prit. p. 3I5; M.D. pl. 43f23a; V.H.S. pl. 33(3)fI; Witt I335p. 29; Pant. 2p. 72; Wolle pl. 59fI; Det. Syll. p. I0I3;

+ aequalis,

1 1 1 1



DISCIPLEA, E. - Abh. B. 1345p. 153; W.S.A.p. 25; Prit.p. 314; Det. S.p. 1012;  
 HEPTAGONA, E. - A. Ber. 1344p. 209; A.J.S. 1341. 320-412; W.S.A.p. 25;  
 Prit.p. 314; Woll. pl. 59f9; Det. Syll.p. 1014;  
 HEXAGONA, E. - Abh. Ber. 1345p. 155; M.D. pl. 43f25;  
 OCULUS-CHAMELEONTIS, E. - Abh. B. 1341. 209; W.S.A.p. 25; Prit.p. 314;  
 Det. S.p. 1013; (Pyxidicula.) -  
 PRAETEXTA, E. - Mik. pl. 10115; M.D. pl. 43f20; (Pyxidicula.) -  
 QUINARIA, E. - A. Ber. 1344p. 209; W.S.A.p. 25; Prit.p. 315; Det. S.p. 1013;  
 ROTIA, E. - Abh. Ber. 1344p. 209; W.S.A.p. 25; Prit.p. 314; Det. S.p. 1013;  
 (M. crux, var.) - RUTILALS, Brun. - Le D. vol. 2 No. 22 p. 240-22 f. 11/12;  
 SEXANGULA, E. - Abh. B. 1344p. 209; Mik. pl. 33-17f12; W.S.A.p. 25; Prit.p.  
 314; M.D. pl. 43f25; Woll. pl. 62f13; Det. S.p. 1013;  
 SIMBIRSKIANA, Pant. 2p. 75-29f314, 315; Det. Syll.p. 1014;

## MASTONETS.-----

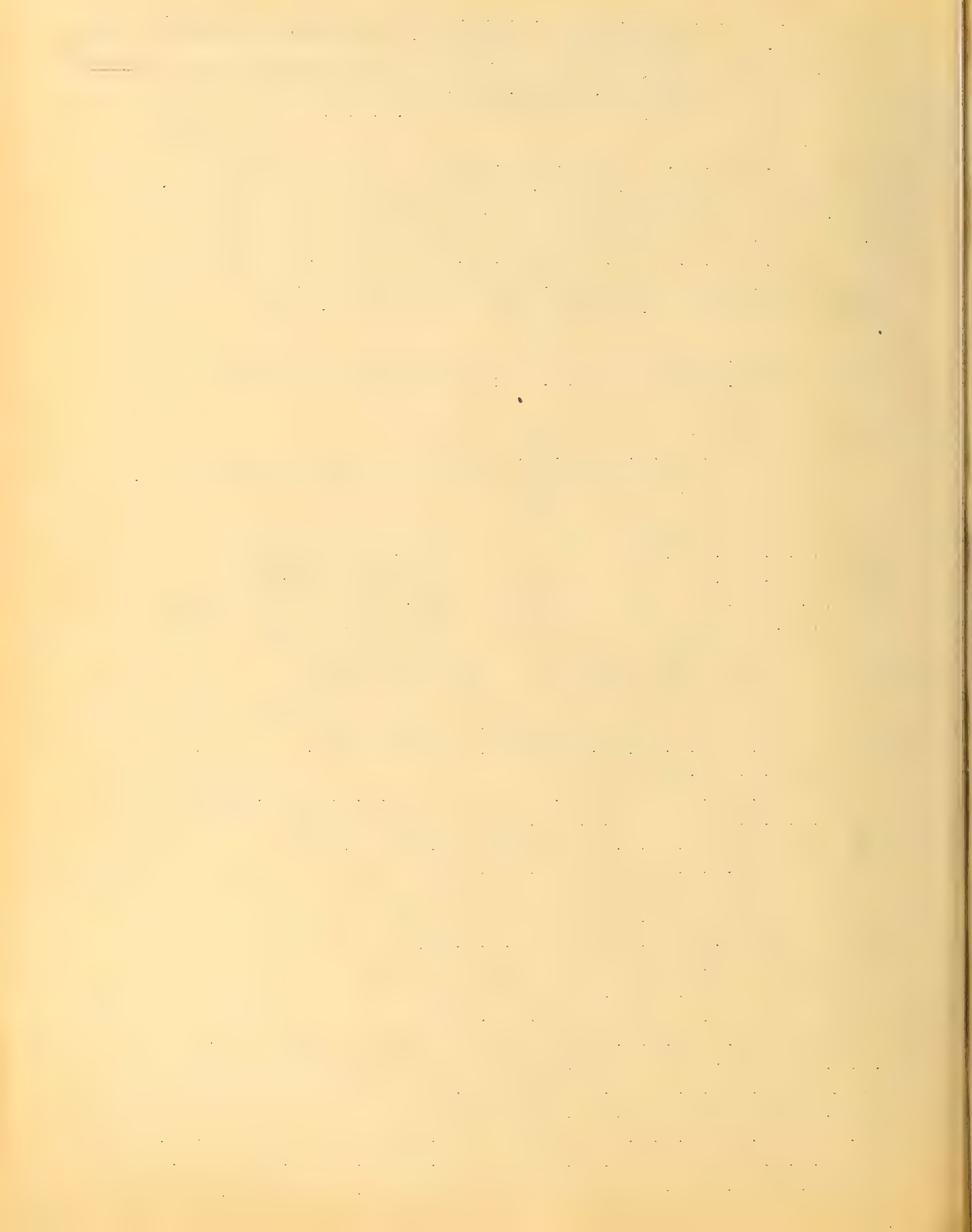
BIFORMIS, Grun. - Cleve Revue. p. 194: - (Stammonia Australis & O.) ---

## MELONAVICULA. -- ( ? 1890. )

Vide J.R.M.S. 1390p. 78: -- Possesses Priority over  
 the Genus "Raphidodiscus" of Christian, and is identical. --

## MELOSIRA. ----- ( Agardh, 1824. )

-, Meneg. A.N.D. p. 339; -, Greg. D.C. p. 27-2f44;  
 -, Pfitzer p. 123; -, Tanarek 1379p. 57;  
 -, B.S.B. 1335p. 153-1f3; -, Ann. S. Belg. 1333pl. 4f2d, e;  
 -, Pant. 3p. -27f1094; -, Atlas pl. 17315, 16, 17, 25;  
 -, Atlas 176f53, 53, 59; -, 177f11, 51-53;  
 -, Atlas 178f34, 47-51, 53, 59; -, Atlas 179f1;  
 -, Atlas 130f41-44; -, Atlas 131f55, 30, 32, 33, 35-37;  
 -, Atlas 132f6-3, 23, 25, 33, 40, 41, 47; -, Atlas 133f1, 12;  
 AQUALIS, A. Cons. p. 34; W. Syn. p. 30; Linnea 133p. ; R.S.D.p.  
 13-2f10; R.E.D. p. 40; (M. varians.) ---  
 AMERICANA, K.B. p. 55-30f39; W.S.A.p. 30; A.M.N.H. 1343p. 13; Prit.p.  
 320; R.S.D.p. 14-2f11; R.E.D. p. 44; Woll. pl. 57f10; (Orthosira.)  
 ANASTOMOSANS, Grun. - V.H.S. pl. 90f14; Det. Syll. p. 1012;  
 ANGULATA, Grun. - E.D. p. 40; Forum. Cey. p. 72; Malaisia;  
 (Coscinodiscus decipiens & minor; -Orthosira.) ---  
 ARCHITECTURALIS, Brun. - Atlas 177f45-50; Det. S.p. 1343;  
 ARCTICA, Dickie. - Prit.p. 319; R.E.D. p. 44;  
 (Gaillonella; -M. hyperborea & nummuloides, var.) ---  
 ARCTICA, E. - Abh. Ber. 1353p. 523;  
 ARCUATA, Pant. 3p. -9f157; Det. S.p. 1347;  
 ARENARIA, Moore. - A.N.H. 1343p. 319-914; W.S.A.p. 25-21f27; W.S.A.p. 25; R.  
 S.D. p. 14-2f5; Mull; Desmaz. I, No. 3II; 2, No. II: Prit.p. 319-3f17; R.D.  
 Ex. No. 39; R.E.D. p. 42; R. Alg. Eur. Nos. 42I, 726; Neupauer pl. 3f37; Weisse  
 1334p. 632-4f2; Schum. H.T. p. 3D; Girard Foss. p. 9-1f7; Italy; Nylander;  
 Pet. liste p. 26; M.T.P. 3-6-5; Brun Alp. p. 136-1f2; Dannf. p. 49; Sm. Sp. I.  
 216; V.H.S. pl. 90f1-3; T. No. 463; Botan. Cbl't. 1333p. 194; Bot. Deutsch.  
 Gesells. 1335p. 35pl. ; Prings. Jahrb. 1333pp. 231-290, pl. 14 to 13; -----



- J.R.M.S. I835p.497; Hoffmann, Marburg; Delogne; Perag. p.77: Wolle pls. 53f5-7; II2f2; Cl. I89Ip.66; Herib. p. I86; Del. S. p. I333; Atlas pl. I79f I5-20; *Ardissona* I863p.396: -(Cyclotella rotula; -M. arenosa; -Orthosira -Gaillonella a., biseriata, undulata, varians, vermicularis.)---  
 " v. granulata, Gutw. Mater. Fl. Galicyi I890p.36-I832; Del. S. p. I339;  
 " v. Hungarica, Pant. 2p.77; 3p. -40f555; 39f546; Del. S. p. I339;  
 ARENOSA, Hass. Alg. p.393-93f2,3; (M. & Orthosira arenaria).  
 ?  
 ASIATICA, Brun.-Atlas I79f6; Del. S. p. I347;  
 ARUNDINACEA, Castr. in litt., I893; Del. Syll. p. I346;  
 BAILEYI, H.L.Sm.-Atlas I32f53; (Cestodiscus.)-  
 BIHARENSIS, Pant. Ip. -I5f I30; Notar. I333p.533; Del. S. p. I343;  
 BINDERIANA, K.S.A. 55-58; R.S.D. p. I4-2f I2; R. Alg. E. No. 324; R.E.D. p. 42; Hoffmann, Marburg; Ebert, Cassel;  
 (M. Italica & crenulata, var.)-  
 BISERIATA, E.-Grun., Atlas I80f22; Carp. I33Ip.363, fI92 sub; Mik. pl. 33-I2f I3; Del. S. p. I347; (Gaill.)---  
 BITUMINOSA, Pant. 2p.77-7f I30; I2f2 I3; Del. S. p. I344;  
 " v. dilatata, Pant. 2p.77-9f I53; I6f272; Del. S. p. I344;  
 " v. interrupta, Pant. 2p.77-3f I4I; Del. Syll. p. I344;  
 BORRERI, Grev.-Hooker's Brit. Fl. Vol. 5p.40I; Wyatt Alg. Danm. No. 232; A. M.N.H. I343p.343-912; I348p.3-III<sup>a</sup> C<sup>a</sup>: Harv. Manual p. I96; S.D. 2. 81. 73-50f330; Front.; Heib. p.28; N. & R.S. p.7I; Hull; Italy; O'M.I.D. p.246-26f I; Castr. Milan I873p. I7; Dannf. p.48; Grun. I873p.3I-4f I4; I384p.43; J.R.M.S. I873p.686; M.T.P. 3-6-8; V.H.S. p. I98-35f5-7; T.453; Perag. p. 77; Villef. p.79; J.Q.C. I835p. I74; I387p.66; Cl. Vega p.490; I39Ip.66; Wolle pl. 53f8-II; Herib. p. I84; Atlas I82f34; (Mel. & Gaill. moniliformis; Frag. & Gaill. lineata; -M. Bottnica & nummuloides.)-  
 " forma applanata, A.S., Atlas I82f33;  
 " var., H.L.Sm. Sp. T. No. 677;  
 " v. Bottnica, Dannf.-Cl. I39Ip.66: -(M. Bott.; -Lysig. moniliforme, v.)-  
 " v. hispida, Castr. A.N.L., I879; Cl. Nares; V.H.S. pl. 85f3; (Lysigonium moniliforme, var.)---  
 " v. ignimontana, Brun & H.-Herob. p. I34-2f I;  
 " v. moniliformis, Grun. I873p.3I;  
 " v. octagona, Grun. I873p.3I-4f I2; Cl. I39Ip.66: -(Podosira constricta.)-  
 " v. subglobosa, Grun. I873p.3I-4f I3; Malaisie;  
 BOTTNICA, Grun.-Cl. & M. No. 237; Dannf. p.48; (M. Borreri, v.)--  
 CALIFORNICA, Ralfs.-Prit. p.3I9; R.E.D. p.44; Sm. Sp. T. No. 2I3; Amazon: E., Abh. F. I852p.534; Del. Syll. p. I348; (Gaillonella.)-  
 CALLIGERA, E.-K.S.A. p.3I; Prit. p.3I9; Del. S. p. I345; (Gaill.)--  
 BOULAYANA, Perag.-Herib. pp. I89, 229;  
 BRUNII, Perag. & H.-Herib. p. I38-5f3-I0;  
 CAMPYLOSIRA, E.-Ralfs, Prit. p.3I9; R.E.D. p.44;  
 Del. S. p. I343; (Gaill.)---  
 CANALIFERA, Brun & H.-Herib. p. 224-6f I5;  
 CAPUT-MEDUSAE, Pant. Ip. 45-I7f I5I; Notar. I333p.536; Pant. 2, p.77;  
 Del. S. p. I343;

+ Clavigera, (M. & Gail vol.) -

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CARCONENSIS, Grun.-V.H.S.pl.37f27:

(M.granulata, v.)-

CINCTA, Pant.Ip.46-30f306; 2, 1.77; Notar.I333p.536; DeT.S.p.I343;

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(Gaill.)--

2 CLAVIGERA, Grun.-V.H.S.pl.9If1, 2; J.Q.C.I335p.174; I337p.66; Wolle  
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COARCTATA, E.-Amer.pl.3-5f9; Prit.p.813-IIIf20, 27; R.E.D.p.44; DeToni,  
S.p.I343: (Gaill.; -M.Italica.)

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(M.salina, var.)--

CONCINNA, Castr.Intrasc.I365p.16, No.102; Heuw.Vol.5p.III; Italy;

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CORONATA, K.S.A.p.31; Prit.p.320; R.E.D.p.44;

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orichalcea.)--

var., Cleve.-Atlas I3If2;

v.ambigua, Grun.-V.H.S.pl.38f12-15; Grun.I334p.49-5f45; Malaisie;

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v.debilis, Pant.3p. 2. -22f323; DeT.S.p.I335:

v.fossilis, Pant.2p.77-13f227; DeT.S.p.I336;

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v.Javanica, Grun.-V.H.S.pl.38f6; Malaisie; DeT.S.p.I335;

v.laevis, E.-Grun., DeT.Syll.p.I335:

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v.lineolata, K.-Grun.I334p.49-5f46; Cl.I391. 66; Atlas I3If1;

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(Mel.lineol.)--

v.Mocsarensis, Pant.3p. 2. -24f360:

v.Pantocsekii, DeToni, Syll.p.I336: (M.cren.v.ambigua, Pant.)-

v.tenuis, K.-V.H.S.p.200; Grun.I334p.49-5f33; V.H.T.sub No.464; Cl.

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v.semilaevis, Grun.-DeT.Syll.p.I335: V.H.S. 88 f. 18:

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+ Dickiei, Thw. =

7 " forma Chilensis, En. VHS. pl. 90 f 13, 14: (En.)

+ distans, E. =

+ " v. scalaris, VHS. pl. 86 f 3066, 31; Woll. pl. 57 f 23-25, 28:

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43; Sm.Sp.T.221; DeT.S.p.1344:

(Gail.d. & granulata.)

" v.ordinata, K.B.p.56-3f7(4); K.S.A.p.30; (Gail.granulata, Marchica.)-

" v.maxima, Rabh.E.D.p.43:

+ DICKIEII, Thw.-K.S.A.p.339: Prit.p.320-I5f29a-d: R.E.D.p.43; Sm.Sp.T.

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> " v.ossilis, Pant.2p.77-3f146; DeT.S.p.1340;

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& M.No.56; I38Ip.7; I39Ip.66; Neupauer p.139-2f39; Hoffmann, Marburg;

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(Gaillonella.)

" vairs., H.V.U.S.pl.36f17-20; A.S., Atlas I31f14;

" v.alpigena, Grun.-V.U.S.pl.36f23,29,30a; Malaisie; I31f14.

" v.laevisima, Grun.-Atlas I32f13; DeT.S.p.1333:

(Det.1.)---

" v.nivalis, W.S.-H.V.U.S.p.199 *86f18-27*; Br. Alp. I35-1f4; V.U.Type 40;

DeT.S.p.1333; Malaisie; -(Cocc. minor; -M.nivalis; -

(Orthosira.)--

" v.seata, E.-DeT.Syll.p.1333;

(*G. seata*.)

" v.scalaris, Grun.-Atlas I3If34-41; DeT.S.p.1333:

(M.scalaris.)--

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+ granulata, E. -

" v. Australiensis, H.V.H. - 87f14: (rare)

" var. " varprocera, H.V.H.S. pl. 87f15:

" v. Jeremiae, G. - H.V.H.S. pl. 87f17:

" var. Jonensis

" forma curvata, H.V.H.S. pl. 87f24:

" forma procera, H.V.H.S. pl. 87f23:



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 GRANULATA, E.-Ralfs, Prit.p.320; Schum.H.T.p.31; 1869p.85; Beitrage  
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 73-71121; Det.Syll.p.1334;  
 (Gail. g.,Marchica, procera, tenerrima; -M.Carcenensis, crenulata,  
 ornata & spiralis.)---  
 v. **s.**, H.V.H.S.pl.87f7,8:  
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 v.attenuata, Pant.3p.23f414; -Det.S.p.1334;  
 + v.Australiensis, H.V.H.S.pl.87f13, **4**16; Det.S.p.1334;  
 v.borealis, Pant.3p. **2.**-7f109; Det.S.p.1334;  
 v.Boryana, Pant.3p. **2.**-1f6; Det.Syll.p.1334;  
 v.bambusina, Petit.-Jour.de Mic.1890,f2; Det.Syll.p.1334;  
 v.curvata, Grun.-V.H.S.pl.200-37f18; Det.S.p.1334;  
 v.decussata, V.H.S.pl.87f17; - (**M. gran.?**)-  
 v.hungarica, Pant.3p. **2.**-13f272; Det.S.p.1334;  
 v.Jonensis, Grun.-V.H.S.pl.87f25,26; Det.S.p.1334;  
 v.Carcenensis, Grun.-Det.Syll.p.1334; (Mel.Carc)  
 v.procera, H.V.H.S.pl.87f **9**:+ (Mel.proc.)---  
 v.spiralis, Pant.Ip. -11f96; Det.S.p.1334; (Gail. & M.sp.)-  
 GROVEI, A.S.,Atlas 130f40; Det.Syll.p.1347;  
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 HARADAAE, Pant.3p. -3f124; Det.S.p.1347;  
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 HISPIDA, Peraz.Villef.1.79-2f13; Atlas 131f51,55; Det.S.p.1339;  
 HOKKAIQUANA, Pant.3p. -3f135; 3191; Det.S.p.1340;  
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 113; 21, Baltic; Latr.1873p.9; (Podosira h. & Myrtilloides.)--  
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 1343; (Gail.: -Sphaeroterma.)-  
 HUNGARICA, A.S.,Atlas 179f9-12; Det.S.p.1347;  
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 HYALINA, Synp.Okrzemki Okolik Poznania, 1860p.540-1f6; Det.S.p.1337;  
 HYALINULA, Castr.1887p.94-2If1; Det.S.p.1336;  
 HYPERBOREA, Grun.-Cl. & M.No.236; V.H.S.pl.3513,4; Atlas 131f54;  
 (M.arctica; -M.nummuloides, v.)

+ lineata, Conf. lin. Dill. -

- INTERJECTA, Jan.-Atlas I76fI-3; DeT.Syll.p.I342: (Orthosira)  
 IRREGULARIS, Pant.2p.73-27f394; DeT.S.p.I343: (Valve coriacea.)---  
 ITALICA, K.B.p.55-2f3; K.S.A.p.29; Prit.p.8I3-IIIf29; I5f33;  
 Carp. I33I, 353, f159; Nylander, w.: Atlas I3If5; (Gail. crenata, Crotonensis & I.: -M. coarctata.)---  
 " var. "b" crenulata, K.B.p.55-2f3; K.S.A.p.30; Nylander, w.:  
 (Gail. & M. cren.: -M. orichalcea.)  
 " var. "p" Binderiana, K.B.p.55-2fI; K.S.A.p.30; Prit.p.3I3: -(Mel.B.)---  
 " v. orichalcea, Mertens.-Nylander, w., Fenniae.-(Gail. & M. orich.)  
 JAPONICA, Pant.3p. -4f3; 3fI37; DeT.S.p.I347;  
 JURGENSII, Ap.Syst.p.9; K.B.p.54-2fI5; K.S.A.p.29; R.E.D.p.13-2f7; R.  
 D.Ex.No.40; Prit.p.8I7-5f3; R.E.D.p.40; Italy; M.T.P.3-3-I3; Eiben,  
 I37I; Cappel. p.2: Sm.Sp.T.225; Camf.p.49; V.H.S.p.I99-33fI-3; T.No.  
 460; Perag.p.77; Villef.p.79; Cl.I39Ip.33; Atlas I32fI5, I6, 27-3I;  
 (Conferva & Gail. lineata; -Lysigonium; -M. subflexilis.)-  
 " v. subangularis, Grun.-V.H.S.pl.33f9; T.No.444 sub4(Lysig.Jurg., v.)  
 " var., H.V.H.S.pl.33fI-4: (Lysig.Jurg., v.)-  
 JUTLANDICA, Grun.-(In V.H.S.: -Est Omphalotheca.)--  
 KINKERI, Pant.3p. -4f532;  
 KOCHII, Pant.3p. -20f292; DeT.S.p.I343: (M.sol.)---  
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 S.pl.33fI9; Woll. pl.57fI3; Pant.2p.73: (Gail.: -M. crenulata, v.)--  
 Pant.3p. -7fII7; Herib.p.I37; DeT.Syll.p.I343;  
 LAEVISSIMA, Grun.-V.H.S.pl.33f24; Atlas I32fIO-I2: (M. distans, v.)-  
 LAMINARIS, Ralfs.-Prit.p.32I; DeT.S.p.I343: (Gail.)--  
 LENTIGERA, Harvey Man. p.196; K.B.p.56: -(Lysig. moniliformis; -Rosaria.)--  
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 39; Sm.Sp.T.226; A.J.M.I373p.I34; -(Conferva; -Fragilaria; -Gaillonella  
 -Lysig. monil. & I.: -M. Borreri; -M. & Rosaria lentigera.)----  
 LINEOLATA, Grun.-V.H.S.pl.33fI, 2; Herib.p.I33: (M. crenulata, v.)----  
 LOCZYII, Pant.2p.73-5f92; DeT.S.p.I343;  
 LYRATA, K.B.p.56; K.S.A.p.3I; Prit.p.32I; V.H.S.pl.37fI, 2; Grun.I334  
 p.49-5f3; Cl.I39Ip.33; Grun.p.I33; Atlas I3If59-74; DeT.S.p.I332;  
 (Gail.: -M. crenulata, v.)-  
 " var., Cleve, Atlas I3If79;  
 " v. biseriala, Grun.-V.H.S.pl.37f3; DeT.S.p.I334;  
 " v. lacustris, Grun.-V.H.S.pl.37f3; Herib.p.I33; DeT.S.p.I334;  
 " v. " formae tenuiores, Grun., V.H.S.pl.37f4, 5; DeT.S.p.I334;  
 MACULATA, -Lap. I375; 9fI; Grun. Cap. p.72, (Fragilaria.)  
 MAJOR, Grove.-Atlas I77fI, 2; DeT.S.p.I346;  
 MADAGASCARENSIS, A.S., Atlas I3If79;  
 MARCHICA, E.-Ralfs, Prit.p.320; Italy; DeT.Syll.p.I343;  
 (M. & Gail. procera & m.)-  
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" var., Cl. 1897 p. 24; Cl. 1896 (3) No. 5, f. 16:

| nummuloides,

" var. hyperborea, Oestrup 1897 p. 346:





+ Roeschana, a. el. 1895, 39.

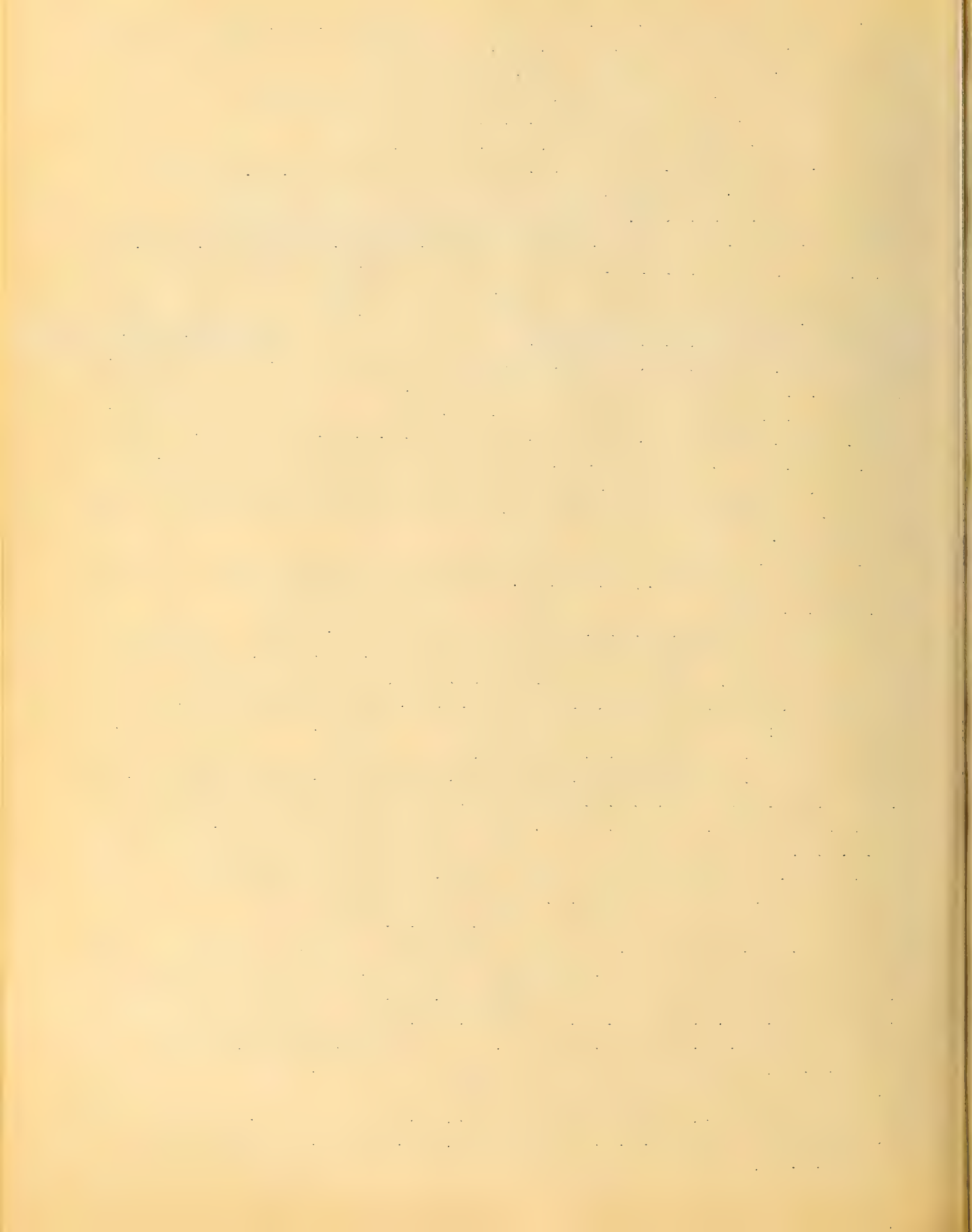
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- ORBIFERA, Brun.-Atlas I75f25: Det.Syll.p.I346;  
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 -3f68; Schum.H.T.p.3I: Bleisch, I863; New Zealand; Arenig Bach; R.E.  
 D.p.4I,f8; Italy; Eiben, I87I; Pet.liste p.26: Brun Alp.p.I37-If9; 9f  
 24; Sm.Sp.T.228; A.J.M.I873p.I84; Delogne; Lagr.I884p.33; Wille pl.  
 58fI7,I8; Herib.p.I39; Atlas I8If53,54,84; Det.Syll.p.I342;  
 (Conferva; -Gail.coarctata & v.: -Lysidiorium; -Orthosira; -M.Italica, v., &  
 crenulata & Thompsoni.)-  
 \* v.crenulata, K.-Br.Alp.p.I37-If9h; (Aulacosira; -M.Italica, var.)--  
 ORNATA, Grun.-V.H.S.pl.9IfI9-2I: Cl.Vega p.490: Pant.2,1.73:  
 Grun.I884p.43-5f39,40; (Paralia?)  
 \* var., A.S., Atlas I75fI8-20:  
 PENSACOLAE, A.S., Atlas I8If73-78:  
 PERAGALLOI, Pant.3p. -36f505; Det.S.p.I348;  
 PFAFFIANA, Reinsh Alg.Franken p.II-If2; Dew.S.p.I34I;  
 PILEATA, E.-K.S.A.p.3I; Prit.p.3I8; R.E.D.p.44;  
 Det.Syll.p.I345; (Gail.)-  
 PLANA, K.S.A.p.3I; Prit.p.32I; Det.S.p.I345; -(Gail.)---  
 POLARIS, Grun.I884p.43-5f53; Atlas I79f3; Det.S.p.I34I: -(M.sol, v.)  
 PONTIFICALLIS, Brun.-Atlas I83fI:  
 PRAECLARA, A.S., Atlas I79f4,5; Det.S.p.I347;  
 PUNCTATA, Grun.-Cl.& M.No.220; M.T.P.3-8-IO: Nylander, W.:  
 Dannf.p.47; Atlas I8If59; (Orthosira.)  
 PUNCTIGERA, Ralfs, Prit.p.3I9; (Gail.)  
 RADIATA, Grun.I863p.27; M.T.P.3-8-8: (Cyclotella; -M.sol.)-  
 RECEDENS, A.S., Atlas I77f62-64; I76f54; Det.S.p.I346;  
 RHOMBOIDES, Pant.3p.2-4If563;  
 ROESEANA, Rabh.S.D.p.I8-IOf5; R.Alg.E.Nos.335,364 sub; Prit.p.3I3-5f  
 67; R.E.D.p.42; Sm.Sp.T.229; Italy; Petit & Lema.; V.I.S.p.I99-39f  
 I-6; T.465; Cl.I89Ip.66; Malaisie; Herib.p.I35: Atlas I76f7-I4;  
 I82f36-33; Det.Syll.p.I337; -(Gail.laevis; -M.& Orthosira spinosa.)  
 \* var., A.S., Atlas I82f9;  
 \* v.dendroteres, E.-V.H.S.pl.89fI2,I3: T.466: Det.S.p.I337:  
 (Liparogyra; -Orth.mirabilis.)-  
 \* v., forma elongata, E.-Grun., V.H.S.pl.89f9:  
 \* v., " porocyclia, Grun.-V.H.S.pl.89fII:  
 \* v., " spiralis, Grun.-V.H.S.pl.89fIO:  
 \* v.epiduron, E.-V.H.S.pl.89fI7,I8; T.467: Det.S.p.I338:  
 (Orthosira; -Stephanosira; -Porocyclia dendrophila.)-  
 \* v. " forma porocyclia, Grun.-V.H.S.pl.89fI9,20:  
 \* v.hamauryas, E.-Grun., V.H.S.pl.89fI4-I6: Det.S.p.I337:  
 (Liparogyra circularis; -Stephanosira h.)---  
 \* v.spiralis, E.-Grun., V.H.S.pl.89f7,8: (Liparogyra s.)---  
 SALINA, K.B.p.52-3I4(I-4); K.S.A.p.27; R.S.D.p.I3-2fI; Westworp, O.  
 No.793: Desmaz.I, No.I06: Breb.B.C.: Prit.p.3I7; Roper, Tharpe; R.E.D.  
 p.33; R.Bac.Exs.No.I6; R.Alg.E.I65: Eiben, I87I: Det.S.p.I346;  
 (Gail. & M.nummuloides; -Sphaerophora globifera.)

+ Mytilus lin. R. - Camp. 1841 p. 523 f. 3702:



- ' var. "b" concatenata, K.B.p.52-3f5(2,3): 2If5b; K.S.A.p.27; Prit. 1. 317: (M.nummuloides, v.: -Mel.con.; -Rosaria globifera.)---  
 SAMOENSIS, A.S., Atlas I77f20; Det.Syll.p.1347;  
 SARATOVIANA, Pant.2f.73-27f333; (M.ornata, v.: -Paralia.)  
 SARMATICA, Pant.2f.73-11f133; Det.S.p.1344;  
 SATURNALIS, Br.-Atlas I77f24,25: Det.Syll.p.1347;  
 SCALA, ~~E.~~ -Rafle, Prit.p.321; V.H.S.pl.33f34,35; Pant.3f.2. -11b;  
 (Gaillonella; -M.distans, v.)--  
 SCALARIS, Grun.-V.H.S. (M.distans)  
 SCULPTA, K.S.A.p.31; Prit.1.319; E., Abh.B.1370pl.2-1171; Sm.Sp.1.202;  
 A.J.M.1373p.134; V.H.S.pl.9If13,14; Wille pls.57f34,35; 53f13,14;  
 Malaisie; Atlas I77f30,31; Det.S.p.1342; (Gail.: -Orthosira.)-----  
 SELECTA, A.S., Atlas I77f40-42; I75f16; Det.S.p.1346;  
 SETOSA, Grev.-Trans.Bot.Soc.Ed.Vol.3p.433-3f17-19; Sm.Sp.1.379; Cl. &  
 M.175; V.H.S.pl.36f10-16; Atlas I32f42-46: (Lysigonium.)---  
 SIBIRICA, A.S., Atlas I77f12-22; Det.S.p.1347: (M.silcata, v.)--  
 SOL, ~~K.~~ K.S.A.p.31; Prit.1.319; R.E.D.1.44; V.H.S.pl.9If7-9; T.No.473;  
 Grun.1334p.45; J.R.C.1337f.33; Witt I333p.17-4f13; Brun. & T.1.72;  
 Wille pl.53f1,2; Pant.2,1.73; Atlas I73f57; I79f21; Det.S.p.1341;  
 (Cyclot. & M.radiata; -Orthosira; -M.Kochii & polaris; -Gail. & M.ornata; -  
 Gaillonella.)-  
 ' var., Castr.1337p.93-10f3; I7f3; 2If7;  
 SOLIDA, Eilenstein MSS.: V.H.S.pl.33f33-39; Atlas I39f50,51; I31f42;  
 Det.Syll.p.1333;  
 ' v. Haitiensis, Grun.-V.H.S.pl.36f40-42; Det.S.p.1333;  
 SPINOSA, Brun. Alp.p.133-1f5; Arenig Bach; Det.S.p.1343: - (Orthosira)---  
 SPINOSA, Pant.3f.2. -23f413; Det.Syll.p.1343;  
 SPIRALIS, K.S.A.p.31; Prit.p.320; V.H.S.pl.37f19-22; Wille pl.  
 57f26,27,29: (Gail.: -M.granulata, v.)  
 STRIATA, Perag. & H.-Herib.p.190-5f11;  
 SUBLEXILIS, K., Linnea I333p.70; Syn.p.50-5f70; V.H.S.pl.33-21f3; K.S.A.  
 p.28; K.Alp.No.27; R.S.D.p.13-213; S.R.D.2f.57-51f331; R.D.ex.No.41;  
 Prit.1.317; Herib.1.23; R.E.D.1.39; New Zealand; Mill: Cl.1333p.213;  
 O'M.I.D.p.247-26f2; Pet.liste p.26; Sm.Sp.1.232; Amazon; O'M.Kerg.;  
 Carp.1331p.347, f177; Italy; Lagr.1334p.44; Atlas I32f17,18;  
 (Conferva & M.lineata; -Lysig.s. & Jurgensii & moniliforme; -M.varians.)---  
 SUBORNATA, A.S., Atlas I73f50-57; Det.Syll.p.1346;  
 SULCATA, ~~K.~~ K.B.p.55-2f7; K.S.A.p.30; Breb.D.C.: Prit.1.319-9f11; 11f23;  
 Italy; Roper, Thames; Grun.1333p.23; Jan.Gu.p.26-1a, f22; R.E.D.p.42;  
 E., Abh.B.1370pl.2-1f72; Eichen, 1371; Cl. & M.57; Danf.1.19; Pet.Cat.  
 p.40; Fortm.Cey.1.72; Sm.Sp.1.233; M.1.P.3-6-7; Shark River; V.H.S.  
 p.201-9f13; T.No.470; Cl.Nares p. : Vega 11.439,502; f177.1.77;  
 Viller.1.79; Atlantic City; Malaisie; Witt I333p.19-4f14,20; Wille  
 pl.53f12-15; Atlas I73f1-5,7-24; I33f10;  
 (Discosira; -Gail.: -Paralia marina ex.: -M.marina; -Orth.marina & s.)---  
 ' v. biseriata, Grun.-V.H.S.pl.9If123,24; Cl.Vega p.469; Malaisie;  
 Villef.p.79;



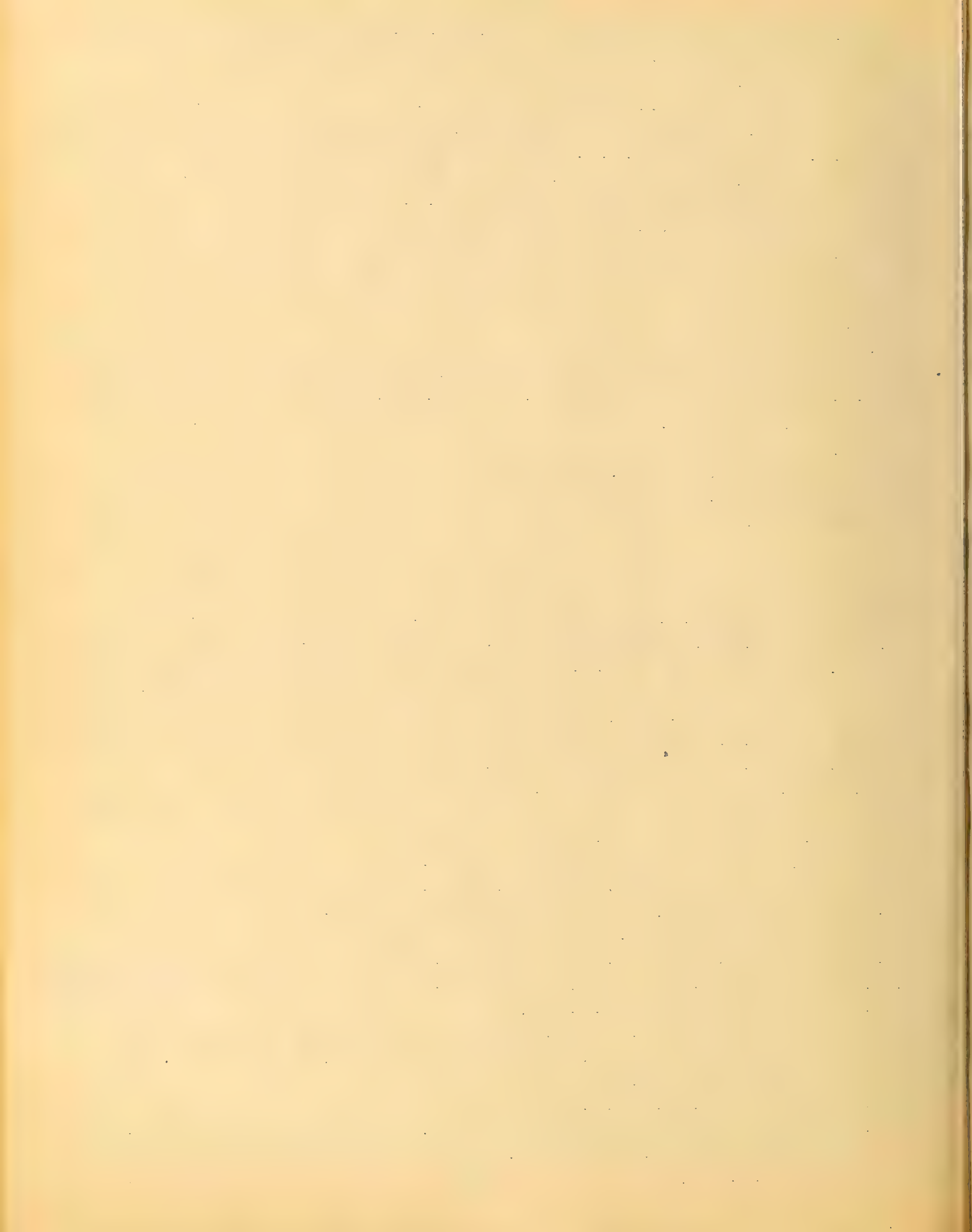
- \* v. coronata, E.-V.H.S. pl. 9 If I7; I3; <sup>forma minor.</sup> Malaisie; Villef. p. 79: (Mel. cor.)  
 \* v. crenulata, forma Barbadiensis, A.S., Atlas I77f30-39;  
 \* v. " Sibirica, A.S., Atlas I77f23-29;  
 \* v. lucida, Brun & Temp. p. 72;  
 \* v. separanda, A.S., Atlas I73f25-33, 35, 36;  
 \* v. Sibirica, Grun.-V.H.S. pl. 9 If 22; Witt I335p. 23-10f2; Vega p. 439;  
 \* v. strigillata, A.S., Atlas I73f6; I77f65-69;  
 TAENIATA, Ralfs, Prit. p. 32I; Det. Syll. p. I343;  
 TAHITENSIS, Castr. 0337p. 94-2If2; Notar. I339p. 759; Det. S. p. I336;  
 TEMPEREI, Pant. 3p. -24f356; Det. S. p. I343;  
 TENUIS, K.B. p. 54-2f2; K.S.A. p. 29; Prit. p. 32I; R. Alg. E. Nos. I104, I250,  
 sub; Neupauer p. I39-If7; R.E.D. p. 43; Herib. p. I33:  
 Italy: (Gaillonella; -M. crenulata, v.)-  
 TENUISSIMA, Grun.-V.H.S. pl. 33fII; Herib. p. I33: (M. cren. var.)  
 TERES, Brun, Atlas pl. I79fI3, I4; Det. S. p. I347;  
 THERMALIS, Meneg. A.N.D. p. 39I: (Odontella polymorpha.)  
 (Biddulphia laevis; -Cerataulus polymorphus & t.: -Pleurosira.)---  
 THOMPSONI, Harv. Man. p. I95; K.B. p. 56; S.B.D. 2p. I04; (M. orichalcea.)--  
 THUMII, Pant. 2p. 73-30f42I, 423; Det. S. p. I34I;  
 (Cyclotella Asiatica; -M. ornata.)--  
 TRACHEALIS, Ralfs, Prit. p. 32I; Det. S. p. I343: (Gail.)-  
 TRANSYLVANICA, Pant. 3p. -I4f2I2; Det. Syll. p. I343;  
 TROPICA, Crouan. -Alg. Gaudaloupe p. I; Det. S. p. I426;  
 TRUNCATA, Grove. -Atlas I33f2, 3;  
 \* v. furcata, Grove. -Atlas I33f4;  
 TUBERCULOSA, Cl. -N.L.K.D. p. 2I-5f65: (Lysigonium; -Podosira.)--  
 TYMPANUM, K.S.A. p. 3I; E., Abh. Ber. I344p. 202; Prit. p. 3I9; R.E.D. p.  
 44; Det. S. p. I343; (Gail.)---  
 UNDULATA, K.B. p. 54-2f9; K.S.A. p. 29; Prit. p. 3I9; Cl. & M. 53: I39Ip. 66:  
 V.H.S. pl. 90f3, 9; Wall. pl. II2f4, 5; Pant. 2p. 79; 3f7, 3f44; 9fI45, I49;  
 Atlas I30fI-7, I4-I7, 2I; I3If45-47, 50-52; I33f5-7; Det. S. p. I339;  
 Muller, Java I390p. 320-I9fI-I3; (Mel.  
 Gownii & Normannii: -M. & Gail. punctigera; -Gail. punctata & u.)---  
 \* var., Grove, Atlas I3If43, 49;  
 \* v. minor, Pant. 2p. 79; 3p. -7fII3; Det. S. p. I340;  
 \* v. Normanni, Arnott. -Atlas I32f5I; Det. S. p. I340: (M. Nor.)---  
 \* v. producta, forma Californica, A.S., Atlas I30fI9;  
 \* v. " forma Hungarica, A.S., Atlas I30f3-I3;  
 \* v. Samoensis, Grun.-V.H.S. pl. 90f5, 6; Det. S. p. I340;  
 VARENNARUM, Perag. & H. -Herib. p. I33-5fI2-I4;  
 VARIANS, Ap. Cons. p. 64: Bot. Zeit. I326p. : Linnea I333p. 7I; K. Syn. p.  
 60-5f69; K.B. p. 54-2fI0; K.S.A. p. 23; A.M.N.H. I343p. 357-9f5; I343p. 7-  
 IfI"A": Hass. Alg. I. 399-90fI, 5; Prit. I352p. 24332; R. S. 3p. I3-3fI; R.  
 D. Ex. No. 43; R. Bac. Ex. No. 29; R. Alg. E. Nos. 453, 306; S.B.D. 2p. 57-5f332;  
 Mull; Westendorp, No. 443; Desmaz. I, Nos. 3I2, 9I2; 2, Nos. I3, 2I2; Martens!  
 Prit. p. 8I7-9fI3I; I5f32; R.E.D. p. 40, f3b; M.D. pl. I3f6; Ew. N.H. pl. 2f  
 I6; Girard Foss. p. I3-3f9; Pfitzer p. I23-6f5, 6; Borscow pl. 2f4; 4a  
 f. 27; Amazon; Schum. H.T. p. 3I; Weisse I364p. 660-4f4; Cl. I363p. 2I6;

Varian, Carp. 1891 p. 523 f 395 b:

+ Circular, A. C. 1895 p 36. Oestrup 1897 p. 387:  
Carp. 1891, f 395 : Bellue L. p. 57-3 f 4:













HEPTAGONA, E., Amer. p. 129 pl. I-3123; Mik. pl. 20-1149; K.B. p. 140-23f5;  
K.S.A. p. 142; Prit. p. 933-12171;  
OCTAGONA, E., Amer. p. 129 pl. I-3f27; K.B. p. 140-23f7; Prit. p. 933;  
(M. heptagona, v.) -- K.S.A. p. 142;  
SPONGIOLITHIS, E. - Abh. Ber. 1344. 204; K.S.A. p. 142; Prit. p. 937;  
TRIANGULA, E. - 130. Mik. 1353; Mik. pl. 22141; K.S. p. 140; Prit. p. 937;

MICROMEGA. ----- (*Agardh, 1827.*)

AGHARDII, E. - Ralfs, Prit. p. 933-10f203; (Schizonema.) --  
ALBICANS, K.B. p. 113-27f12; K.S.A. p. 103; Prit. p. 934; (Schiz.) --  
APICULATUM, A. - 130. p. 11; K.S. p. 117-27f10; K.S.A. p. 103; Prit. p. 934;  
Westendorp, G.; Carr. p. 113; (Gloionema; -Monema; -Schiz.) ---  
AUREUM, K.B. p. 117-27f3; K.S.A. p. 107; Prit. p. 931;  
(Schiz. corymbosum, var., & c.) --  
BERKELEYI, K.S.A. p. 106; Prit. p. 933; Carr. p. 113; (Schiz.) --  
ELYTHII, A. - 130. p. 11; K.S. p. 113; K.S.A. p. 109; Prit. p. 932; (Schiz.) --  
ROMBICYNUM, K.B. p. 115-29f5; K.S.A. p. 106; Prit. p. 933-11f43; 11f7. 11;  
p. 273; (Berkeleya; -Schiz.) --  
BRYOPSIS, K. - Ralfs, Prit. p. 931; (Schiz.) --  
CAPITATUM, K. - Ralfs, Prit. p. 931; (Berkeleya; -Schiz.) --  
CHONDROIDES, K. - p. 113-25f3; K.S.A. p. 103; Prit. p. 931; (Schiz.) --  
COMOIDES, Grev. - Ralfs, Prit. p. 934; Carr. p. 113; - (Schiz. araneosum & c.) --  
CORALLICUM, Meneg. - Ralfs, Prit. p. 932; (Berk.; -Schiz.) --  
CORNICULATUM, A. - 130. p. 11; 130. Abh. Ber. p. 11; 130. p. 11; 130. p. 11;  
323; E. Inf. p. 240; K.B. p. 113-23f2; K.S.A. p. 109; Prit. p. 934;  
(M. penicillatum; -Schiz. 23f2) --  
" var. "b", K.B. p. 118; K.S.A. p. 109; (M. penicillatum.) ---  
CORYMBOSUM, Ag. - K.B. p. 117-27f9; K.S.A. p. 107; Prit. p. 931;  
Carr. p. 115; (Schiz.) --  
CRISPUM, Montagne. - Ralfs, Prit. p. 933; (Schiz.) --  
DIVERGATUM, K. - K.B. p. 118; K.S.A. p. 107; (Schiz.) --  
DIVERGENS, K.S. - Ralfs, Prit. p. 931; Carr. p. 113; (Schiz.) --  
FASTIGIATUM, K.S.A. p. 103; Prit. p. 932; Carr. p. 113;  
(Schiz. r. & ramossissimum.) --  
FLAGELLIFERUM, K.B. p. 113-24f4; K.S.A. p. 106; Prit. p. 933; - (Berk.; -Schiz.) --  
FLOCCOSUM, K. - K.B. p. 116; K.S.A. p. 106; Prit. p. 933; (Schiz.) --  
GRACILLIMUM, K. - Ralfs, Prit. p. 934; Carr. p. 113;  
(Berk. & Schiz. parasitica, v.; -Schiz.) ---  
HELMINTOSUM, Chauvin. - Ralfs, Prit. p. 930; Carr. p. 115;  
(Naunema arbusculum & fruticulosum; -Schiz. arbuse. & h.) --  
HUMILE, K. - Ralfs, Prit. p. 932; (Schiz.) --  
HYALINUM, K.B. p. 117-21f3; 23f4; 23f4; 23f4; 23f4; 23f4; 23f4; 23f4;  
(Homocladia; -M. tenellum; -Schiz.) --  
HYALOPUS, K. - K.B. p. 117-23f3; K.S.A. p. 107; Prit. p. 932;  
Carr. p. 113; (Schiz.) --  
HYDRUROIDES, K. - Ralfs, Prit. p. 931; (Berk.; -Schiz.) ---  
ILLYRICUM, K. - Ralfs, Prit. p. 931; (Schizonema.) --

polycladus, K. S. Ill. p. 108; K. B. N. 118-28, f. 1:

+ ramosissimum. ag. - (

Microneis. - cl. 1893.

Vide Cl. Nav. pt. 2 p. 187; -

- INTRICATUM, K.B.p.II6-26f5; K.S.A.p.I05; Prit.p.933; Carr.p.II3:  
(Berkeley; -Schizonema intricatum, & int.)---
- INVESTIENS, Montagne.-Ralfs, Prit.p.933: (Schiz.)
- KUTZINGII, .-Ralfs, Prit.p.933: (Schiz.)
- LACINIATUM, Harvey.-Ralfs, Prit.p.933; Carr.p.II3:-(Schiz.)
- LINEATUM, K.B.p.II6-26f4; Desmaz.I, No.II4; K.S.A.p.I06:  
Prit.p.933; (Schiz.l. & Smithii.)
- MEDUSINUM, K.B.p.II6-26f6; K.S.A.p.I03; Prit.p.932: (Schiz.)-
- MENECHINI, Ralfs, Prit.p.932: "
- MESOGLOEIOIDES, .-Ralfs, Prit.p.932; Carr.p.II5: "
- MINUTUM, K.-Ralfs, Prit.p.934: "
- MOLLE, .-Ralfs, Prit.p.934; Carr.p.II5: "
- MUCOSUM, K.-Ralfs, Prit.p.933; Carr.p.II6: "
- MYXACANTHUM, K.B.p.II7-24f3; K.S.A.p.I08; Prit.p.931: "
- NEBULOSUM, .-Ralfs, Prit.p.930: "
- OBTUSUM, Grev.-Ralfs, Prit.p.931; Carr.p.II5: (Berk.; -Schiz.)---
- PALLIDUM, Ag.Cons.p.23; Bot.Zeit.1827; K.B.p.II6-26f3; K.S.A.p.I09:  
Prit.p.934-14f39-42: (Schiz.)
- PAPILLOSUM, .-Ralfs, Prit.p.932: "
- PARASITICUM, K.B.p.II6-27f2; K.S.A.p.I05; Prit.p.932; Carr.p.  
II6: K.S.A.p.I05: (Schiz.)
- PARVUM, Meneg.-Ralfs, Prit.p.933:
- PATENS, K.B.p.II6-24f5; K.S.A.p.I06; Prit.p.933: (Berk.; -Schiz.)-
- PENICILLATUM, Ag.Cons.p.23; Prit.p.934:  
(M.corniculatum, v.; -Schiz.ramosissimum, var., & p.)
- PLUMOSUM, K.-Ralfs, Prit.p.933: (Berk. Prit.p.933, v.; -Schiz.)
- RAMOSISSIMUM, Ag.Cons.p.22; K.B.p.II7-25f1; K.S.A.p.I07; Carr.p.II3:  
Prit.p.933; Carr.p.II3:-(Caleothrix; -Schiz. apiculatum, var. & p.)--
- SELAECUM, K.B.p.II7-25f2, 3; K.S.A.p.I07; Prit.p.931:  
(K. & Schiz. ramosissimum, v.; -Schiz. s. & torquatum.)----
- " var."b" corymbosum, K.S.A.p.I07:
- " var."g" torquatum, K.S.A.p.I07:-(M.tor.)----
- SIROSPERMUM, K.S.A.p.I09; Prit.p.931; Carr.p.II5: (Schiz.)-
- SMITHII, Ag.-Ralfs, Prit.p.930; Carr.p.II5: "
- SPINESCENS, K.B.p.II6-27fII; K.S.A.p.I03; Westendorp, G.:  
Prit.p.934: (Schiz.)-
- SPLENDENS, Meneg. In litt.; - (Schiz. Smithii)
- STALIANUM, Men.-K.S.A.p.I06; Prit.p.932: (Berk.; -Schiz.)-
- TENELLUM, K.B.p.II7-24f7; K.S.A.p.I07; Prit.p.932: (Schiz.)-
- TORQUATUM, Harvey.-Prit.p.930; Carr.p.II5:  
(M. setaceum, v.; -Schiz. Smithii & t.)----
- TRICHOCEPHALUM, K.-Ralfs, Prit.p.931; (Berk.; -Schiz.)--
- WYATTII, Harvey.-Ralfs, Prit.p.931; Carr.p.II5: "
- ZANARDINII, Meneg.-Ralfs, Prit.p.933: (Schizonema.)--

## MICRONEGA.-----

- OLIVERANUS, O'M.-Gran., V.H.S.pl.II3f5: (Actinocyclus; -Podocira.)---
- PESSIDGII, Grun.-V.H.S.pl.II3f5; T. & G. No. II, II3: (Actinocyclus)---

Muellieriella  
N.V.H. 7894. —



OCTOCERAS, E. -- Inf. p. 164-12f 10; Prit. p. 937-3f 31; (Non-Diatomeae 318.)

MOLLERIA. -- (Cleve, 1873.) --

ANTARCTICA, Cast. 1837 p. 93-13f 6; Notar. 1839 p. 759; Del. Syll. p. 771;

CORNUTA, Cl., Java p. 7-1f 6; Cast. 1837 p. 93-25f 3; Del. S. p. 770;

(Ehrb., 1833.) --

MONEMA. -- (Greville, 1832.) --

APICULATUS, Grev. -- Scottish Flora p. 382; (Schiz. Grevillei.) --

COMOIDES, Grev. -- Scott. Flora p. 308; -- (Schiz. Grevillei.) --

DILLWYNI, Grev. -- Scot. Fl. p. 297; -- (Berkeleya; -Conferva foetida; -Schiz.) --

OBTUSUM, Grev. -- Scot. Fl. p. 302; K. B. p. 115; (Berkeleya; -Schiz.) --

PROSTRATUM, Berk., British Algae pl. 4f 3; (Cymbella; -Encyonema.) --

QUADRIPUNCTATUM, Grev. -- Scottish Flora p. 286;

(Berk. Ehrenbergii; -Schiz. erinoidesum & Ehrenbergii.) --

MONNEMA. -- (Meneghini, 1845.) --

DILLWYNI, Grev. -- Meneg. A. N. D. p. 434; (Schizonema.) --

ECTOCARPOIDES, Meneg., A. N. D. p. 433; (Schiz. Dillwyni & Meneg.) --

GRAVILLI, Meneg. -- A. N. D. p. 434; (Schiz.) --

IOHANNI, Ag. -- Men. A. N. D. p. 433;

LENORMANDII, K. -- Men. A. N. D. p. 435; (Schiz.)

LUTESCENS, K. -- Men. A. N. D. p. 433; (Schiz.)

QUADRIPUNCTATUM, Grev. -- Men. A. N. D. p. 433; -- (Schiz. Dillwyni & Meneg.)

RUTILANS, Ag. -- Men. A. N. D. p. 433; (Schiz.) --

SORDIDUM, K. -- Men. A. N. D. p. 435;

STRIOLATUM, K. -- Men. A. N. D. p. 436; (Schiz.) --

SUBINCONSPICUUM, Meneg. A. N. D. p. 436;

TENUE, K. -- Men. A. N. D. p. 432; "

TENUISSIMUM, K. -- Men. A. N. D. p. 431; (Schizonema.) --

MORONEIS. -- (Bailey, 1850.) --

PEREGRINA, Bailey ? Navicula.)

MONOGRAMMA. -- (Ehrb., 1843.) --

ACHNANTHES, E. -- Abh. Ber. 1843 p. 112; Mik. p. 121; Prit. p. 375; Del. S. p. 490;

SMITHIANA, Grev. -- Trans. Bot. Soc. Edinb. 1865 p. 439-5f 5; -- (Ach. inflata.) --

TRINODIS, E. -- Abh. Ber. 1843 p. 112; Mik. p. 12; Prit. p. 375;

Del. Syll. p. 490;

VENTRICOSA, E. -- Mik. pl. I-2f 9; Prit. p. 375; -- (Achn. v. & rhomboides.) --

VENTRICOSA, Grev., Trans. Bot. Soc. Ed. 1865 p. 439-5f 5, 7;

MONOPSIA. -- (Grove & St., 1837.) --

MAMMOSA, Gro. & St. -- J. Q. C. 1837 p. 142-13f 3; J. R. M. S. 1833 p. 909; Notar.

1833 p. 469; Atlas 125f 14, 15; Del. Syll. p. 1079;

NAUNEMA. -- (Ehrb., 1833.) --

-, Bailey, A. J. S. July 1854 p. 9-3f 14-17;

AMERICANUM, E. -- Abh. Ber. 1845 p. 79; R. S. D. p. 51; (Colleconema.) --

## Stauracula.

- 1 cellas 212 f 2, d. 40

- " 6 f 37 = *t. glacini*, v. *septentrionalis*.

- " 70 f 12 = *t. forficata*, v. *minor*.

    p 29, 30. *A. cancellata*.  
" 46 f 64-67 = *n. recurva*.  
    71 = *var. inflexa*.  
74, 75 = *n. retusa*.

--, Borscow Russ. D. p. 129- B, f 9 sub.

NAVICULA. - (Bory St. Vincent, 1822.)

Lewis, N. & I. F. p. 346-If3: -(Fristilia Lewisiana.)  
Bailey, A. J. S. I842p. -2fI3: -(Nav. interrupta.)--  
Lagr., I373p. 35-2fI2: -(Nav. Lagerstedtii, Cl.)---  
A. S., Atlas 50f4, 5; -(Caloneis bombata, var. subelliptica, Cl.)----  
A. J. S. I842p. -2fI9, 20, 23, 25: -, Cole, Essex;  
A. J. S. I842p. -4fI0: -, Meneg. A. N. D. p. 410:  
Williamson p. 20-IfI5-20: -, Bleisch, I863;  
Rüddel, N. O. Med. Jour. I352pl. 4f43-45, 48: Pfützner p. 30;  
A. J. S. Vol. 35, p. II9-2fI, 5; (P. P. S.) -, T. M. S. I830p. I33;  
E., Mix. pls. 3-4f9b; } -, 3-IfI0b;  
7-10, 17: } -, 1-2fI1;  
I3-2fII; } -, I7-If7-9:  
Lewis, W. M. D. p. I3-2f9: -, Tanarek I879p. 3I:  
Lewis, N. & R. S. p. 34-2f3; -, T. M. S. I877p. -I87f3:  
B. J. N. d. I862p. 335, f2I, 33; -, Macdonald pl. 24f"0":  
Pop. Sci. Rev. I877p. I33, f3, 5a: -, I333p. 400, f5, 3:  
Amer. Nat. I333p. 5IO-I3f7: -, Petit Classif. f3:  
A. Schm. N. D. pl. 2f23, 24, 32, 33, 33, 39, 4I:  
J. Q. C. I837p. II5-9f7: -, A. S., Atlas 3f35-37, 39, 40;  
7f49; -, 3fII, I3-I5, 3I, 33-35, 28, 29, 30,  
I2f7, 37-39, 45, 47, 43, 70: 2f24; -, I3fI4, I3, 35, 42, 44, 45;  
4f3, 48; 7f5; -, 4fI2, 39, 41, 42, 43, 44, 45;  
44f3-I2, 35, 43-52, 57; -, 45fI3, I4, 59, 60, 75, 79, 80, Sum.  
43f7-I0, I2, I3, 23-31, 35, 37, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100;  
47fI2, I3, 23, 30-32, 33-37; 2f39; -, 49fI3, 40, 50, 30, 17: 30-32, 35-37, 40;  
50fI3, 25, 31, 31, 39-42, 43, 45, 49: -, 50fI0, I1, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100;  
70fI1, I2, 23-29, 30, 39, 40, 37-39, 37, 38, 71: 70f3:  
I30fI4; fore. rhin. Quercus -, Cast. I837p. 32-27f3, 7, IO:  
Cast. I837p. 32-29f9, I3, I5, I7:  
ABAUCENSIS, Part. 2p. 4I-3f54; Del. S. II. p. 27: -(N. oblonga, p. I. f. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.)-  
ABBREVIATA, Grm.-Cl. I330p. 39-2f43: Del. S. p. 32: (N. incisa, v.)-  
ABNORMALIS, Grm.-Cl. x. 35. I42; Cl. I330p. 40; S. S. p. 330:  
Del. S. pp. I25, I73: (Caloneis.)  
ABNORMALIS, Cast. I837p. 27-23fI9: Notar. I839p. 337; (N. incisa, v.)-  
(Diploneis bombus.)  
ARUPIA, Greg.-Donk. B. D. p. I3-30; A. Schm. N. D. p. 88-If37; Atlas 3fI, I;  
I29fI5; Cl. I873p. I3; Vega pl. 472, 5IO; Lagr. I373p. 39; V. A. S. p. 94; ---

> acuta, W. Sm. - Toletu, p. 423; - (Pinn. radiosa, v. acuta). -

acuta E. Sm. pl. 34 (174; 1055):





> albam, Cleve var. 2p. 55 + pt. 1 pl. 4 f 89:

> Algidia, Gn. - 1884 p. 4 - 1 f 31: Cl. var. 2p. 40: (it. glacialis, f. 1)

- H.T.P.3-4-II; Minora; T.B.C.1337p.70-33f4; V.4.7.No.133; 150f6all, Marb.; Spamer, Duren; Bellon, Lichen; Petal. p.30; Wollf. p.111, 3; Strose Kleinen p.10-11f2; Herib. p.114; (N.firma, v.; -N.iriens, v.; -N.iber, v.; -N.ceratosueta, amphilepta & amplata; -Neidium.)
- " var., H.V.1.S. p.13f4;
- " v.amphyrhynchus, Grm.1330p.54f-5b; R.E.D. p.193; Brn. Alp. p.72-7f20; -(Nav.a.; -Neidium aff., var.a., forma major.)
- " v.firma, Rabh. E.D. p.193; Alp. Eur. 143f sub; -(Nav.f.; -Neidium a. var. f.)
- " v.producta, Rabh. E.D. p.197; Br. Alp. p.72-7f22; (Nav.f.)--
- " v.tropica, Dickie & Grm.-Amazon;
- " v.unulata, Grm.1330p.54f-5f3; Petit Cat. p.20; V.4.S. p.13f3; Herib. p.115; (Neidium a. var. un.)
- AFRIMATA, Fortm. Cey. p.24-2f22; Del. Syll. p.133; -(Mastogonia)
- AFRICANA, E.-Abh. Ber. 1333p.130; Mik. p.1.2f27a, b; (Grammatophora.)--
- AFRICANA, Petit Table Bai p.7, f1; Del. S. p.37;
- AGALUS, E.-Abh. Ber. 1333p.131; V.4.S. p.13f2; V.4.S. p.13f3; (Pleurostoma.)--
- 15(A), f31: p.77;
- AGALUS, E.-Abh. Ber. 1333p.131; Mik. p.1.2f27a, b; V.4.S. p.13f2; (Amphicampa; -Amphicampa.)----
- ALBIGENSIS, Grm.1334p.51-1f29; Del. S. p.139; -(N. maculosa)
- ALGERIENSIS, Montagne fl. Alger. p.190; Syll. p.470; V.S.A. p.73; Prit. p.909; R.E.D. p.136; Del. S. p.124;
- ALLAMANTIANA, Grm.1334p.51-1f29; Del. S. p.139; (Pinn.)--
- ALPESTRIS, Grm.1330p.545-3f4; R.E.D. p.131; V.4.S. p.12f30; Petit, 1333; Del. S. p.152; (Caloneis; -N.firma.)
- " v.Tatrica, Gutw. Galicyi p.20-1f17; Cl. Nav. p.53; Del. S. p.152;
- ALPHA, Cl.-LeD. No.13p.13-1f4; Nav. 2p.44;
- ALPINA, W.S.-Ralfs, Prit. p.906; Grm.1330p.522; Donk. 3.5. p.27-4f6; Arenig Bach; OPM. I.D. p.342-30f4; Sm. Sp. T. No.242; Atlas 45f1-4; Del. Syll. p.16; (Pinn. a, 7p.)--
- ALTERNANS, Schum.1337p.57; H.T. pp.46, 72-3f46; Atlas 42f22, 23; (Scolioleura.)----
- " var. "b" minor, Schum.1337p.57; H.T. 73
- AMBIGUA, E.-Amer. p. p.1.2-2f9; Mik. p.1.3-4f14; 15(B)f15; 15(A)f41; Nord. p. -2f34; K.B. p.95-23f66; V.S.A. p.73; R.S.D. p.40-3f59; R.C. ex. 34; R.E.D. p.192; Wollf. p.111, 3; Strose Kleinen p.10-11f2; Herib. p.114; (Pinn.)--
- 902; Grm.1330p.522-2f3; Del. S. p.139; V.4.S. p.13f2; V.4.S. p.13f3; (Pinn.)--
- 3f5; Pedicino p.10-2f3-3; Prollis p.30; Delone; OPM. I.D. p.350-3f10; Br. Alp. p.67-7f23; M.T.P.3-4-23; M.M.J.1373p.33; Sm. Sp. T. 243; V. H.S. p.100-12f5; T.No.121; Ebert, Cassel; Gallia, Pagan; Lake Michigan; Spamer, Duren; Hoffmann, Marb.; Pet. liste p.20; Trian 1335p.37-1f23; J. L.S.1334p.243; Petal. p.30; Bellon, Lichen; Herib. p.114; (Pinn.; -Vanheureka.)--- atlas 21f42-43
- " var. craticularis, H.V. H.S. p.100-13f3; T.No.121; V.4.S. p.13f2; Del. S. p.137; (Surrella c.)--

orientalis, Grun. - Cl. var. 2 p. 36-1 f 31:

" var. N. degenerens, Cl. var. 2 p. 36:

+ aminophila; Cl. var. 2 p. 29:

" N. degenerens, Cl. var. 2 p. 30:

" N. flavatica, Gr. - Cl. var. 2 p. 30:-

(N. flav.; - N. cancell. v. sc. & densis.)

- amphibia, Cl. var. 2 p. 45:-

N. gastrum v. styriaca: N. styriaca, Pt.] -

amphicor, E. Bgg. Ann. 1889:



AMERICANA, E., Amer. p. 129; Mik. pls. 2-2f16; 4-2f3; K.B.p. 100; K.S.A.p. 32; R.S.D.p. 40; Prit. p. 392; Sci. G. 1363p. 132f127; R.E.D.p. 22; O.B.I. D.p. 351-30f50; Amazon; V.H.S.p. 105-12f37; Kinnora; Malaisia; wolle pl. 10f51; V.H.T.No. 133; Cl. 1391f. 5; Nav. p. 133; Herib. p. 115; Det. Syll. p. 174; (Pinnularia.)

" forma minor, H. & Perag. - Herib. p. 115-4f12: - (N. Americana.) --

" v. caudata, H. & Perag. - Herib. p. 115-4f12: (N. Americana.)

AMICA, Cl. - N.L.K.D. p. 12-3f37; Det. S.p. 174: (Caloneis.)

+ AMPHILA, Gr. - 1331f. 13-30f50-70; Pet. l. 31: - (N. americana, v.)

" v. caudata, Gr. - 1331f. 13-30f71, 75; Det. S.p. 11: (N. americana, v.)

" v. intermedia, Gr. - 1331f. 13-30f71-75; Pet. l. 31-1110f. 22 f. 1-2: (N. americana, v.)

+ AMPHIBOLA, Cl. 1391f. 33: - (N. gastrum, v. Styriaca; N. punctata, v. as, metrical) +

AMPHICEPHALA, E. - Det. Syll. p. 133: (Pinn.) --

AMPHICEROS, K.B.p. 95-3f39; K.S.A.p. 75; Prit. p. 901; R.E.D.p. 193; Atlas 47f25, 26; Cl. Vega p. 491; Dannf. p. 25; Bellec, Lichon; Spamer, Duren; Det. Syll. p. 190; Perag. p. 69: (N. illo, v. 1-1110f. 22 f. 1-2: - Pinn.) --

" v. parva, Dickie & Gr. - Amazon:

AMPHIGOMPHUS, E. - Amer. p. 129, pl. 3-1f3; Mik. pls. 2-2f11; 2-3f8a, b, 9; 3-1f3; 3-2f5; 4-1f5; 4-3f5; 5-3f15; 5-1f12; 7-3a, 11, 12; 9-1f12; 13-2f10; 14f24; 15-A, f39; 17-1f6; 7-1f9; K.B.p. 93-23f40; K.S.A.p. 73; R.S.D.p. 33-3f47; Prit. p. 903; Schum. 4.7. pp. 47, 75; Gr. p. 103; Hill; R.E.D.p. 173; O.B.I. D.p. 357-3f127; Sp. S. 4.211; Atlas 49f27-29; V.H.S. p. 105-7f13; Kinnora; Bellec, Lichon; Perag. p. 57; wolle pls. 13f10; 19f5; Hoffmann, Marb.; Herib. p. 113: > Mik. pl. 3-4f12: > No. 7-1f9: (Neidium: - Nav. iridis, var., & firma: > Nav. bicornuta, Gr. -)

" var. "b" striata, K.B.p. 93-23f41; K.S.A.p. 73; Atlas 49f31: (Pinn.)

AMPHILEPTA, E. - Abh. Ber. 1357p. 555; Prit. p. 911; Det. S.p. 192: - (N. affinis.)

AMPHIOXYS, E. - Amer. p. 129, pl. 1-1f5; 1-2f15; 2-1f5a; 2-3f15; 3-1f5; 3-3f4; 3-4f7; 5-3f10; 7-1f13; 13-1f9a, b; 13-2f14; 14f27; 15-A, f13, 19; 15-B, f9; 17-2f13; 33-10f9; 35A-14f2; 37-3f5, 6; westendorp, G. No. 797; K.B.p. 91-23f37; K.S.A.p. 69; R.S.D.p. 33-3f33; Prit. p. 904; Weisse 1330

1.330-3f13; 1331f. 330-4f23; Schum. 4.7. p. 39; 1331f. 13-3f11; 1364f. 20-2f21; R.E.D.p. 174; Nylander, w.: Proclins p. 33; Pet. liste p. 19; Kinnora; Callia, Pagan; Hoffmann, Marb.; wolle pl. 13f11, 13; 1.1111f. pl. 39-3f80; Spamer, Duren; 37-3-80: - (Cymbella; - tantzschia; - Pinn.) -

AMPHIRONA, E. - K.B.p. 100; K.S.A.p. 31: (Pinn.)

AMPHIRRHINA, E. - Ralfs, Prit. p. 901; Det. S.p. 191: (Pinn.) --

AMPHIRRHINCHUS, E. - Amer. p. pl. 3-1f10; K.B.p. 95-4f13; 2f11; 23f47; K.

S.A.p. 76; R.S.D.p. 40-3f50; S.B.D. p. 51-13f142; Prit. p. 901-12f5; R.E.

D.p. 196; Weisse 1330p. 39, 21-3f13; 1331f. 330-4f23; Pagan,

Thames; M.D. pl. 4f19-24; Hill; Donk. B.D. p. 34-5f9; Amazon; Nylander, w.

Doppel p. 3; Hagl. 1373f. 39; 1376f. 29; Proclins p. 33; wolle, Cassel; K.

& Z. p. 16-1f13; M.T.P. 3-4-12; Kinnora; Atlas 49f27-29; V.H.S. pl. 13f5;

Bellec, Lichon; T.B.C. 1337p. 39-36f1; Hoffmann, Marburg; Spamer, Duren;

wolle pls. 14f3, 4; 19f13; Perag. p. 30; Herib. p. 115: (Neidium: -

Pinn.; - N. affinis, v., & iridis, v.: - N. amphisphecia, firma, 1331f. 330-4f23: -

" v. major, Herib. p. 115:

AMPHISBAENA, Bory, Encyclop. Meth. 1324; Turpin, Diet. class. pl. 1-2f2, 9; E.

manuscript 5-1818:

+ anglica, Cl. 1895 p. 113: ~~Cl. 1895 p. 113~~ = 104. quadrangula, r. anglica.

? " var. minuta, Cl. Stav. 2p. 22:

? " var. subulsa, Gn. Cl. 4p. 22.

(1.0.0.1, V. 1.0.0.1, 1.0.0.1, 1.0.0.1) ---

+ anthracis, Cl. Nav. 2 p. 19:

apiculata, fr. minima, astat. 4 of 8:

apis, K. Pet. Cap. Nov.

appendiculata, A. Schulz, 1852 p. 89-74.

+ apiculata, Cl. Nav. 2 p. 62: - K. Henr. Kieckhefer -  
"V. Couperi, G. L. - Cl. Nav. 2 p. 63: - (Pinn. C. p. 65 -  
"V. Kottuniana, A. S. - Cl. Nav. 2 p. 64: - (Pinn. C. p. 65 -



*V. stauroneiformis*, A.S., Atlas 2f2), 2f; Del.S.p.99: -/ 10.10.1954

areschougiana Griseb. Fl. Alp. 524-1/23

- AQUITANIAE, H. & Per. - Herib. p. 81-2f4; *Cl. Nav. 2 p. 37.*
- ARABICA, Grun. - Atlas 3f13, 14; Det. Syll. p. 126; *Cl. Nav. 2 p. 49.*
- ARADINA, Pant. 3p. 2. - 30f17; - (*N. lanceolata*, v.) -
- ARABICA, H. & Per. - 30f17; Det. S. p. 110; *Cl. Nav. 2 p. 49.*
- ARABICA, O.M. - O.M.I.D. S. 1374p. 250-319; I.B. p. 593-594; Det. S. p. 74; (N. Donkii, A.S.) -
- ARABICA, Pant. 3p. 2. - 25f342;
- ARCTICA, Cl. 1373p. 16-3f13; Vega p. 473; M.J. 1374p. 253-3f1; Cl. & M. 57; Det. S. p. 101; *Cl. Nav. 2 p. 49.*
- (Amphora stauroptera; -A'prora. lepidoptera & obtusa.) -
- ARCUATA, Pant. 3p. - 6f97;
- ARCUS, E. - Beitr. 1334p. 120; Inf. p. 132-2f10; Mik. pl. 4-1f22; (Ceratonis; -Eunotia; -Synedra gibba.) --
- ARENARIA, Donk. - M.J. 1361p. 10-1f3, 9; Donk. B. O. p. 56-3f5; Breb. B. C.; R. E. D. p. 177; O.M.I.D. p. 411-34f17; Atlas 47f33-41; Sm. Sp. T. 250; Malaisie Lager. 1376p. 34; Dannf. p. 27; Fortm. Cey. p. 23; Villef. p. 46; Pant. 2p. 42; (N. lanceolata, v.) --
- u. var. V.H.S. Kl. 8 f 18.*
- ARENARIA, Pant. 2p. 42-3f140; Det. S. p. 101; *Cl. Nav. 2 p. 49.*
- ARENICOLA, Grun. 1362p. 149-30f56, 77; Pant. 2p. 42-20f58;
- Det. Syll. p. 54; *Cl. Nav. 2 p. 21.* (A'prora., breb.)
- ARENICOLA, Grun. 1360p. 521-1f23; Cl. 1363p. 225; R. E. D. p. 207; Det. S. p. 34;
- ARRANIENSIS, O.M.I.D. p. 395-33f12; (Diploneis nitescens.) ---
- ARVERNA, H. & Per. - Herib. p. 105-4f19; *Cl. Nav. 2 p. 49.*
- ASPERA, E. - Mik. pl. 374-20f6; Fortm. Cey. p. 23; Atlas 43f2-6; Deby Polar p. 17; Cl. & M. 100; Cl. 1373p. 3; Vega p. 497, 505, 510; V.H.S. p. 94; T.D.C. 1367p. 70-53f5; Villef. p. 75; Golla pl. 20f4; Malaisie; Det. S. p. 100; (Trachyn. a., & var. pulchella; -Pinn.: -Staurois (Stauroptera) acanthus, a., & pulchella.) ---
- var., Cl. & M. No. 26;
- v. Hungarica, Pant. 2p. 42-10f130; Det. S. p. 110; (Trachyn. a., v. hungarica.)
- v. intermedia, *Grun.*, Atlas 43f14, 15; Grun. 1364p. 36-1f20; O.M.I.D. 1365p. 166; Det. S. p. 110; (Var. Kitt., p. p.: -Trachyn. a., var.)
- v. Kittoniana, -DeToni, Syll. p. 110;
- ASPERULA, K.S.A. p. 71; Prit. p. 904; Det. S. p. 146; (Pinn.)
- ASYMMETRICA, Cl. Vega p. 468-36f27; Det. S. p. 63; Pant. 3p. 2. - 7f110; Cleve Nav. p. 129; - (*N. truncatus*, pp.) -
- ATOMOIDES, Grun. - V.H.S. p. 107-14f12; Det. S. p. 166; Herib. p. 120; (Nav. minima, var.) --
- v., cum mapis stauroneiformis, V.H.S. pl. 14f11a, 13, 14; - (N. minima, v.) ---
- v. subserians, Grun. - V.H.S. pl. 14f11b;
- ATOMUS, Naeg. - Grun. 1360p. 552-2f6a-f; Schum. 1364p. 21-2f24; 1369p. 33-2f20; H.T. p. 70; V.H.S. p. 107-14f24, 25; T. No. 149; Gallia, Papan; Perag. p. 59; Golla, Ligon; Det. S. p. 166; Herib. p. 120; *Cl. Nav. 2 p. 49.*
- (Amphora; -N. muralis; -N. oculata, v.; -Synedra.) --
- ATTENUATA, K.B. p. 102-4f23; K.S.A. p. 86; Marissal; K. & Z. p. 14-1f4; (Frustulia; -Pleurosigma; -Sigmatella.) --

> australica, 2.5.1

cl. nov. 2p. 611

(N. Couperii, 10.10.11  
N. Pyra, var.)

Bahisiensis,

"v. elstiana, (m. cl. nov. 2) p. 4; - [v. minuscula, v.]





\* Leptichirus, Petit - p. 1100.

- BARBADENSIS, E.-Prit.p.911: Del.S.p.133: (Pinn.)
- BARBIOS, A.S., Atlas 129f5: *Cl. Nav. 2p.56:*
- BARKLEYANA, Grun.D.C.p.3-1f9; Breb.D.C.p.22; Prit.p.903; Edw.N.4.11.  
3f25; R.E.D.p.201; Malaisie; -(N.palpebralis, v. ~~3~~)---
- BARKERIANA, O'M.-M.J.1375p.410; I.D.p.332-31f13; Del.S.1.147;  
(N.subsalina.)
- BARTHOLOMEI, Cl.1373p.3-1f5; M.J.1373p.510-44f5; Atlas 130f9:  
(Caloneis Powellii, v.; -Dictyonis.)
- BASALIAEPHONA, Br. & Per.-121b.p.39-213a, b; *Cl. Nav. 2p.56:*
- \* forma bigibba, Br. & Per.-Herib.p.39-2f5c;
  - \* forma recta, Br. & Per.-Herib.p.39-2f5d:
- BASILICA, Brun 1391p.32-15f14; Pant.3p7-3f129:  
(Diploneis b. & gemmata: *Nav. gastrum, v. Len.*)
- BAUMLERI, Pant.1p.32-12f103; 2, 1.42; *Notar. 1333p.470; Cl. Nav. 1.147;*  
Del.Syll.p.122; *23f347;*
- \* v.interrupta, Pant.1p.32-12f103; Cl.Navic.p.134;
- BECCARIANA, Grun.-113a-1303p.133-1f2; *Notar. 1333p.191;*  
Del.S.1.113: (Caloneis.)-
- BECKII, Pant.2p.42-11f133: Del.S.p.49; *Cl. Nav. 2p.30:*
- BENGALENSIS, Grun.-Atlas 311, 2; Del.S.1.125; *Cl. Nav. 1.125;*
- BETA, Cleve Nav.p.135-5f30;
- BEYRICHIANA, A.S., Atlas 391f13, 17; J.L.C.1333p.137; Villier.1.32; Pant.  
+ 1p. -3f31; 2, p.42; Malaisie; Del.S.p.30: -(Diplon.gemmata, "b".)-
- BIBLOS, Cl.-LeD.Vol.2p.77-12f9, 10; (Libellus; -Stantonis.)--
- BICAPITATA, Lagr.1373p.23-1f5; O'M.I.D.p.352-30f32; Lake Michigan; V.  
H.S.p.73-3f14; T.No.37; Cl.1331p.5; Vega p.491; *Trian 1335p.40-1f24;*  
2f7; Herib.p.93; Del.S.p.27: *-(P. inter. & forma biceps: -*  
(N.dicephala, E.: -N.mesolepta; -Pinn.)---
- \* v.constricta, O'M.I.D.p.353-30f34;
  - \* v.crucifera, O'M.I.D.p.353-30f33;
  - \* v.hybrida, Grun.-V.H.S.pl.3f9; Herib.p.94; Del.S.p.23:  
(Pinn.microstauron.)---
  - \* v.major, Dickie & Grun.-Amazon:
- BICEPS, E., Amer.p.130pls.2-3f3; 3-1f13; Mik.pls. 5-3f7; 3-1f21;  
10-113a-a: 15(A)f10; 17-1f13; 33-7f15; K.B.p.93-23f1; K.S.7.1.73; R.  
S.D.1.40-3f49; Prit.p.900; R.E.D.1.195; Schum.1334p.21-2f33; *Protill 1*  
1.31; Atlas 45f31-31, 39; 49f52; *Notar. 1333p.470;* *Cl. Nav. 1.125;* *1012a;*  
Harp.; A.J.M.1373p.135; Amazon: Herib.p.94; Del.S.1.32: *Ahar. 1333p.470;*  
(N.breapitata & fulva; -N.phychocephala, v., & *sphaerophora,* *1333p.470;*)
- BICLAVATA, Cl. & Grun.-LeD.Vol.2p.63-10f7: (Caloneis.)
- BICONSTRICTA, Grun. & St.-J.L.C.1333p.132-10f9; *Notar. 1333p.352;*  
Del.Syll.p.15: (Caloneis.)----
- BICUNEATA, Grun.1360p.543-1f4; Cl.1333p.227-4f3, 4; R.E.D.p.206; O'M.  
I.D.1.305-31f4; *Malaisie:* (N.maxima; -N.(Caloneis) libera, v.)-
- \* v.minor, Grun.1373p.15-4f22; 3f3; Flogel, Baltic; Fortm.Cey.p.24:  
(Nav.trochus, var.)
- BICUSPIDATA, Cl. & Grun.-N.L.K.D.1.10-2f22; Del.Syll.p.30: *(Cl. Nav. 1.125;*
- BICURVATA, O'M.-M.J.1372p.419; Del.Syll.p.137:

ibifessa, A.S. - Atlas 212 f 33, 39;

+ bituminosa, Pt. -

|| var. cincta, Pt. - Cl. Trav. 2p. 67. - (n. cincta.)

|| " valida Pt. 2p. 6. f 89;

+ blanda

|| blanda 21 = f 14



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Boltonia, var. 49 f 44, 45:

+ Boltonia, Oestrup 1877, 120:

+ Boltonia,

8 " Boltonia Oestrup 1877, 120, 22 pl. 22 f 18:

Borealis

11 vars., Atlas 45 f 15-18, 21

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Brasilensis,

"*V. bicornata*, Cl. Nav. 1p. 48-1f19:

Brebissonii, K. - A. Schütz 1852 p. 89-7f1; Petit Cap. Horn:

Leucis biala, 1260, 1131



BRASILIENSIS, Grun. I33p. I52-I4f10; I33p. I9: R.E.C. p. 227; Journ. Voy. I. 24; ~~Atlas 31f13-23, 31f34~~; J.C. p. I37f. 72; ~~Atlas 31f13-23, 31f34~~; Cl. I373p. 5; Vega p. 493, 511; Wollé pl. I4f21; Malaisia; Del. S. p. 55; var., Cleve Vega p. 505: *Cl. Nav. 2p. 47:*

> v. fossilis, Part. 2p. 43-5f32; Del. S. p. 55: *Cl. Nav. 2p. 48:*

BRAUNI, Grun., V.H.S. p. 79-3f21; Cl. I33p. 3; Amazon; Kinnora; Wollé pl. 33f13; Del. Syll. p. 31: - (*Pinn. Braunii*)

BRAUNIANA, Grun. - Atlas 31f13-23, 31f34; ~~Atlas 31f13-23, 31f34~~; I33p. 339-3f13; Grun. I33p. 319; Pl. p. 397; Schum. I33p. 339-3f13; Cl. I33p. 335; I33p. 224; I33p. 4, 3; Lagr. I373p. 22-ff2; Sr. 9f. 254; O.M.I.D. p. 350-30f25; Atlas 44f15-23; Del. S. p. 24; Herib. p. 33; Kinnora; V.H.S. p. 77-5f7; T.No. 53; M.T.P. 3-2-3; B.S.B. I373p. 32; Belloc, Luchon; Lake Michigan; Wollé pls. I0f26; I9f13-19; J.L.S. I334 p. 244; Perag. p. 53; Del. Syll. p. 23; Herib. p. 33: (*First. & Nav. bipunctata*; - *Cymbella marginata*; - *Pin. B. & stauroneiformis*; - *Stauroneis*)

" var., Cleve Vega p. 491: *Pin. Stauron.* -

" v. angustata, Grun. I33p. 519-3f13; Petit liste p. 21; Schum. I33p. 339-3f13; O.M.I.D. p. 350-30f25; Del. S. p. 24;

" v. bicuneata, Grun. - V.H. Type No. 59;

" v. diminuta, Grun. - V.H.S. p. 77-5f3; Del. S. p. 24; Herib. p. 33: *Cl. Nav. 2p. 78:*

" v. elongata, H. & Brun. - Herib. p. 39:

> v. fossilis, Part. 3p. 21-19f279; - (*Pinn. Brebiss.*; -

" v. ovalis, Per. - Atlas 44f17; Herib. p. 33:

" v. subproducta, Grun. - V.H.S. p. 77-5f9; Del. S. p. 24; Herib. p. 33: (*Pinn. microstauron.*) ---

" v. subcuneata, Grun. - V.H. Type No. I22 sub;

BREVIS, Greg. D.C. p. 3-1f4; Prit. p. 399; Carr. p. I04; Donk. B.C. p. I9-3f4; Cl. I33p. 227; I33p. 30; R.E.C. p. I92; A. Schm. N.D. p. 2f15; ~~Atlas 31f13-23, 31f34~~; Lagr. I373p. 41; V.H.S. p. 97-11f19; Wollé pl. I0f7; Perag. p. 50; Del. Syll. p. 12; Malaisia; (*Caloneis b. & var. distoma*) ---

" var. "a" vexans, A. Schm. N.D. p. 2f14; Lagr. I373p. 42; Cl. I33p. 30; Vega p. 465; Del. S. p. I23: (*Caloneis b., var.*) --

" var. "g" distoma, Lagr. I373p. 42; Cl. Vega p. 465: (*Caloneis b., var.; - N. distoma & var.*) --

" v. elliptica, Grun., V.H.S. p. 97-11f13; Wollé pl. I0f7; Del. S. p. I23;

BREVISTRIATA, Grun. - V.H.S. p. 97-11f13; Carr. p. I04; Donk. B.C. p. I9-3f4; Cl. I33p. 227; I33p. 30; R.E.C. p. I92; A. Schm. N.D. p. 2f15; ~~Atlas 31f13-23, 31f34~~; Lagr. I373p. 41; V.H.S. p. 97-11f19; Wollé pl. I0f7; Perag. p. 50; Del. Syll. p. 12; Malaisia; (*Caloneis b. & var. distoma*) ---

BRUNII, - Part. I. p. 23-24f217; Brun. I39p. 33-13f4; Del. S. p. I22; (*Trachyneis B.*) --- *Cl. Nav. 2p. 51:*

BUDAYANA, Part. 3p. 21-4f57; Cl. Nav. p. I04:

(*N. bomboides*, v. media; - *Diploneis elliptica*, v.) ---

BUDENSIS - Grun. V.H.S. p. 97-11f13; Carr. p. I04; Donk. B.C. p. I9-3f4; Cl. I33p. 227; I33p. 30; R.E.C. p. I92; A. Schm. N.D. p. 2f15; ~~Atlas 31f13-23, 31f34~~; Lagr. I373p. 41; V.H.S. p. 97-11f19; Wollé pl. I0f7; Perag. p. 50; Del. Syll. p. 12; Malaisia; (*Caloneis b. & var. distoma*) ---

BULLATA, Norman. - T.M.S. I33p. 3-2f7; Prit. p. 933; R.E.C. p. I79; Malaisia; Atlas 31f13-23, 31f34; Vega p. 465; Del. S. p. I23: - (*var. rync.*)

" v. carinata, Casti. I33p. 29-23f7; (*N. carinata*, v.)

" v. holoseriana, A.S., Atlas 31f13-23, 31f34; - (*N. holoseriana*, v.)

" v. obtusa, Casti. I33p. 29-23f10; - (*Spect. v. l. m. cl. elliptica*)

" v. rhomboides, Casti. I33p. 29-23f11; - (*N. rhomboides*, v.)

Cancellata, Dk. - Ostropi 1897 p. 321;

" V. Marocana, Cl. Nav. 2p. 30:

" V. retusa, Breb. - Cl. Nav. 2p. 30: - (V. retusa; V. can. ex. Sch. vs  
retusa, vs retusa)

- BULNHEIMIANA, Grun.-V.4.S.p.103-14fda; Det.Syll.p.137; Cl.Nav.p.154;  
 " v.Belgica, Grun.-V.H.Type 113 sub; Det.S.p.137; Cl.Nav.p.154;  
 CAELATA, Grun.- ?-(Cocconeis.)-  
 CANTATA, E.-Det.Syll.p.130; (Pinn.)---  
 CALIFORNICA, Grev.-Edinb.New Phil.Jour.1859p.29-4f5; Prit.p.393; R.E.  
 D.p.224; Deby Polder p.17; Fortm.Cey.p.25; Cl.1873p.5; wolle pl.  
 14f17; Det.Syll.p.109: - (*N. Hannebergi*, v. *Cal.*) Petit, *Can.*  
 " var., A.S., Atlas 3f6, 15, 16;  
 " var., wolle pls. 14f24; 16f1;  
 " var., Malaisie:  
 " v.Campeachiana, Grun., Atlas 3f19; Brun & T.p.72: - (*N. Hannebergi*, v. *Cal.*)  
 " v.elliptica, Perag.Villef.p.47-2f7; Det.S.p.109:  
 CALIGINOSA, Cl. & Grun.-LeD.Vol.2p.37-10f9: (N. Hannebergi, v.)-  
 CAMPBELLI, Petit, Cat.p.22-5f23; Hedw.1873p.129; Det.Syll.p.77:  
 J.R.M.S.1873p.241-45f23: (Caloneis.)---  
 CAMPROCARPA, K.-Grun.1830p.562: (Nitzschia.)--  
 CAMPYLODISCUS, Grun.-Atlas 3f9, 10, 12; Cl.Vega pp.493, 511;  
 wolle pl.12f15; Det.S.p.94: Petit, *Can. Horn.* (Diloneis.)--  
 " var., A.S., Atlas 70f64, 65;  
 CAMPYLOGRAMMA, E.-Abh.Ber.1853p.523; 1870pls.2-1f33; 3-3f16:  
 Prit.p.910: (Scolioleura.)--  
 CANCELLATA, Donk. B.D.p.55-3f4<sup>ab</sup>; Schm.N.D.p. -2f36, 37; Pet.Cat.p.22;  
 J.R.M.S.1873p.417-34f34; Det.S.1873p.34; V.4.S.p.33-2, 11f; T.1873p.34;  
 1830p.36; Vega pp.470, 511; Perag.p.59; Pant.2,p.43; Malaisie; Det.  
 Syll.p.48: *Cl. Nav. 2p.30: Atlas 46f29, 30, 31* (Pinn. & Nav.truncata, Donk.)--  
 " forma intermedia, Grun.1832p.149; Det.Syll.p.43;  
 " v.ammophila, Grun.1832p.149-2f66, 67; V.H.S.p.34; Det.S.p.43;  
 " v.Gregorii, *Ralfs*.-Atlas 45f41, 42; 71, 72; Cl.1830p.37; Vega p.470;  
 Det.S.p.49: *Cl. Nav. 2p.30*: (N. & Pinn.Gregorii.)--  
 " v.impressa, Lagr.-Cl.1830p.36; Vega pp.470, 497; Det.S.p.49:  
 (N.1873p.36; Pinn.1873p.36)---  
 " v.minuta, Grun.-Cl.1830p.37-2f41; Vega p.470; Det.S.p.49; (*ammophila*, v.)  
 " v.Scaldensis, H.V.H.S.p.36-A, f17; Det.S.p.49: - (*N.ammophila*, v.)  
 " v.Schmidtii, Grun.-Atlas 45f45; 75f74, 75; Cl.1830p.36;  
 Vega p.470; Det.S.p.49: - (*N. can. v. retusa*)  
 " v.subapiculata, Grun.-Atlas 46f66, 68; Cl.1830p.37; Vega p.470;  
 Det.S.p.49; *Cl. Nav. 2p.30: Oestrup 1897p.321*: (N. Gregorii.)-  
 CANDIDA, Schum.1867p.57-2f47; Det.Syll.p.37:  
 CANTONENSIS, E.-Abh.Ber.1847p.131; Prit.p.905; R.E.1873p.22:  
 Det.Syll.p.101:  
 CAPENSIS, E.-Det.Syll.p.130: (Pinn.)  
 CAPITATA, E. Inf.p.135-13f20; K.B.1.99-30f10; K.S.A.p.32; Prit.p.900;  
 Schum.1869p.35-2f10; R.E.D.p.193; Det.S.p.33: *Cl. 186p.132: N. B. p. 53*:  
 (N.amphisbaena; -Pinn.c., uicephala & semen.)  
 CARASSIUS, E.-Amer.p.130, pl.2-2f12; K.B.p.95-23f37; K.S.A.p.75; R.S.D.  
 p.40-6f57; Grun.1860p.537-1f31; 2f11; Prit.p.900; Lew.W.M.D.p.11-2f  
 21; Schum.1867p.55; R.E.1873p.193; Collin, *Paris*; Prit.1873p.900;  
 Ebert, Cassel; Sm.Sp.1.No.255; A.J.M.1873p.136; Hoffmann, Marburg; -----

+ Carinifera, - (two cincta, var c)

" v. angusta, from J.H.S 7/17, - (A. carinifera)

+ Carinifera,

" Var. laxepunctata, Cl. Nav. 2 p. 48:

> centrastr, Cl. Nav. 2 p. 32-1 f 35:

Chironomus, from J.H.S 7/21:

Chi, Cl. Nav. 2 p. 37-1 f 29:





+ Cincta, L. - Cl. Nav. 2 p. 16:-

(4111:-)

" var. Cari. E. - Cl. Nav. (2) p. 17:- (Nav. Cari.)

" v. angusta, Gr. - Cl. Nav. (2) p. 17:- (St. ang.; - St. cari, v. ang.)

+ circumscissata id. id. 212848:

+ clavata, - (L. Hem. str. v. clav.:-)

" var. Indica, Gr. - Atlas 204 f. 12:- (H. Indica? V. hibernica:)  
Cl. Nav. 2 p. 62:- (H. Indica var. gran. -)

" " Exsul, L. - Cl. Nav. 2 p. 61:- (Nav. Ex.)

" " Proxima, Gr. - Cl. Nav. 2 p. 62:- (Nav. prox.)

Clementis, Cl. Nav. p. 24:

+ Cluthensis:

+ " var. Finnarchica, Rel. 7, Cap. 4 - 112848:-

CINCTA, E.-Ralfs, Prit.p.901: Eiben, 1871; Darnf. 1.26; Cl. & M.No. 136:

Sm.Sp.T.256; A.J.M. 1873p.133: V.H.S.p.32-7f13, 14; T.Nos.32, 33;

Det.S.p.39; 1871p.93: ~~Cl. 1872p.31~~ (Pitt. 118---)

forma minuta, H.V.L.-Det. 1871, Syll. 1.40:

v. Heufleri, V.H.S.p.32; Det.S. 1.40: ~~Cl. 1872p.31~~ (N. & Pinn.H.)--

v. 1871p.93, V.H.S. 1.32; T.Nos. 34; Det.S. 1.40: (N.V. 131.)

CIRCUMDOXA, H.V.L. 1891p.33-132: (Pitt. 118---)

CIRCUMSECTA, Grun., Cl. 1830p.42; Vega pp.505, 511; wolle 9f27; Det.

Syll.p.109: (N. hibernica; -N. polysticta, v.)

CISTELLA, Grev.-T.M.S. 1833p.19-1f12-14; R.E.D. 1.227; Det.S. 1.135:

(Cocconeis glabrata.)---

CITREA, A.S., Atlas 49f12; Det.S.p.126: (Neidium.)

CLANCULA, A.S., Atlas 12f33, 34; Det.S.p.35: Sm.Sp.T.No.634:

(Diploneis interrupta, v.)----

CLAVATA, Gr. J.M.S. 1836p.43-5f17; Prit. 1.393; Carr. 1.107; Dorn. 1.1.

15-215; A.Schr. N.D. 1. -1133: Atlas 70f100; 129f110; Dorn. 1.1.28;

O.M.I.D. 1.330-32123; Lagr. 1870p.41; 1870.Van. 1.10; Cl. Vega 1.490;

Malaisie; Villaf. 1.43; ~~Cl. 1872p.31~~ (N. Gr. 1872p.31, 1872p.31, 1872p.31.)---

v. elliptica, A.S., Atlas 3f13; Cl. Vega p.511:

v. Caribaea, Perag. Villaf. 1.43: ~~Cl. 1872p.31~~ (N. Gr. 1872p.31, 1872p.31, 1872p.31.)---

v. elongata, Perag. Villaf. p.43-5f37: ~~Cl. 1872p.31~~

v. rhombica, Clave Navic. 1. 4f11: ~~2p. 62~~ (N. Gr. 1872p.31, 1872p.31, 1872p.31.)---

CLAVICULUS, Arnott in litt.:-(N. leptocoma):-----M.D. 1.1.10-1152, 0, C.

Carr. 1.105; New Zealand; Schm.N.D. 1.90-2123; Lagr. 1870p.45; Sr. Sp.

T.No.631; Part. 21.44; Det.S. 1.36; (Pinn.)--

CLEMENSIS, Grun. 1832p.144-30f32; V.H. Type No.99; Det. Syll. 1.31:

CLEPSYDRA, Ralfs, Prit. 1.393--N. & Pinn. dissimilis):-----Dorn. 1.1.30-

1012; M.J. 1831p.3-113; Gr. D.C. 1.13; R.E.D. 1.131; O.M.I.D. 1.347-341

10; Atlas 43f39; Sr. Sp. 1.237; V.H. Type 113; Det.S. 1.125: 1871p.93;

(Trachyneis clepsydra & Debyi.)---

var., A.S., Atlas 43f33;

CLEVELI, Lagr. 1873p.34-1f10; Det.S.p.112: (Caloneis.)-

CLEVELINA, O.M.I.D. 1.409-5413; M.J. 1870p.414: (N. hibernica.)-

CLUTHENSIS, Greg.D.C.p.6-1f2; Prit.p.900-7f73; Carr.p.107; R.E.D. 1.

134; O.M.I.D. 1.330-3219; Lagr. 1870p.45; Darnf. 1.26; Cl. 1871p.92;

Vega p.471; wolle 11.14827; Det.S. 1.131; 1871p.93; 1871p.93; 1871p.93;

v. erythroa, Grun. 1830p.43-2f17; N.D.V. 1.1.10; Det.S. 1.121; 1871p.93;

v. funicularis, Grun.-Cl. 1830p.43-2f19; Vega 1.471; Det.S. 1.121; 1871p.93;

v. maculifera, Cl., N.D.V. 1.1.10-2f23; 1891p.33; Det.S. 1.121; 1871p.93;

v. minuta, Cl., N.D.V. 1.1.10-2f22; wolle 10f11; Det.S. 1.131; 1871p.93;

v. producta, O.M.I.D. 1.330-3219a; ~~Gr. 1872p.31~~

COARCTATA, E., Abh. Ber. 1842p.20: Atlas 11f30-32; 5f11; 174f11;

Det. Syll. p.34:-(Diploneis c.)

COCCOGRAMMIS, Gr. J.M.S. 1836p.43-1122; A.S. N. 1.1871p.20-216; S. 1.1.

2, p.92; Grun. 1830p.550-2f9; Prit. p.876; Schm. 1832p.133-9f43; 1364p.

20; 1369p.33-2f13; H.T. p.39; Carr. p.106; New Zealand; Dorn. 1.1.22-

3f11; R.E.D. 1.136, 139; O.M.I.D. 1.370-31f36; Lagr. 1873p.32-2f3; Cl.

1831p.5; 1891p.32; Kinnora; V.H.S. 1.1.14f1; T.No. 140; Gallia, Japan:---



+ eucroniformis Tr. Cl. Nav. 2p. 9:

Tr. - Tr. - Tr.

> concilians Cl. Nav. 2p. 54-1f. 25:

Tr. - Tr. - Tr.

connectors, Tr. - Tr. 212 f 24; Cl. Nav. 2p. 55: (k. l. y. a. n. c. n. g. n.)

> consanguines Cl. Nav. 2p. 52: A. S. M. D. P. - 2 f 32:

+ consors: Cl. Nav. 2p. 25:

(N. leudugan)



- wolle pl. 10f14; Det. Syll. p. 133: *Cl. 1895 p. 12*: (N. carassius & nax)  
 " var. "b", Rabh. E. D. p. 133:
- COCCONEIODES, ~~Rabh.~~ Ralfs, Prit. p. 900: (Pinn.)---  
 COCCONEIS, E. De Toni, Sylloge p. 133: (Pinn.)  
 COERULEA, O'M. I. D. p. 353-3f15; Det. S. p. 133;  
 CONFEIFORMIS, A. Schm. N. D. p. 88-1f22; 2f13; O'M. I. D. p. 397-35f13;  
 Det. S. p. 93: (Diploneis.)  
 " v. densestriata, A. S., Atlas 70f54; (Dipl. c., var. d.)---  
 " v. suborbicularis, A. S., Atlas 317; 70f53; (Dipl. c., var. c.)  
 COLLISIANA, O'M., I. D. p. 334-32f19; Det. S. p. 33:  
 COLUMNARIS, E. - Abh. 32. 1343. 135; Mik. p. 18. 7-104; 102; 110. 1. 102;  
 Atlas 4011; wolle 13f1, 5; 13f16. p. 113; Det. S. p. 101: *Cl. 1895 p. 12*;  
 COMMIXTA, Breb. - (N. pisciculis, K. -)  
 COMOUTATA, Grun. - Atlas 45f22-25, 26; 45f27; 45f31. 1; 45f32;  
 wolle 17f13; *Petit, Cap Horn*: (N. hemiptera; -N. viridis, v. *hemiptera*)  
 COMOIDES, Grev. - Cl. Vega p. 475: (Schizoneima.)  
 COMPACTA, Grev. - M. S. 1371. 11-313; Prit. p. 900; R. E. D. p. 201;  
 Det. Syll. p. 129:  
 COMPAR, Jan. - Atlas 70f69; Det. Syll. p. 101: (Dipl.)---  
 COMPLANATA, Grun. - Cl. 1334. 42; Vega p. 476; Cl. Nav. p. 156. 6f  
 iconibus; *Le D. 2. No. 21 p. 217-2172*. (Amphora; -Eubellus.)  
 " v. hyperborea, Cl. Nav. p. 156: (Amphora h.)---  
 " v. subinflata, Grun. - Cl. Navic. p. 153: -(Amphora s.)  
 COMPLANATA, E., De Toni, Syll. p. 193: - (Pinnularia.)-  
 COMPRESSA, E. - Det. Syll. p. 193: - (Pinn.)  
 COMPRESSICAUDA, A. Schm. N. D. p. 91-2f35; Atlas 43f32; Lager. 1373p. 34;  
 Brun & Tem. p. 72; Det. S. p. 61: *Cl. Nav. 2 p. 33*;  
 CONCENTRICA, Bail. - A. J. S. Vol. 43p. 139-3f13-15: -(Goniothecium Rogersii.)  
 CONCINNA, Bailey Coll.: - (N. praetexta.)-  
 CONECTA, A. S., Atlas 12f46; wolle 15f12; Det. S. p. 35:  
 (Diploneis 01811 v. c.)  
 CONSERVACEA, K. - V. H. S. pl. 14f36; Cl. Nav. p. 133: (Draconis.)-  
 " v. hungarica, Grun. - V. H. S. pl. 14f38: --Var. peregrina): ---  
 " v. peregrina, Grun. - V. H. S. pl. 14f37; Cl. Nav. p. 133: -(Dracon. p. & v. hung.)  
 CONFEDERATA, Part. 3p. - 34f43I: - (N. Schultzei.)---  
 CONUGATA, *Conjugata* (Det. S. p. 101. 102-103): -(Pinn.)---  
 CONOPS, K. B. p. 100. K. S. A. p. 33; Prit. p. 393; Neap. Asat. p. 192-2f45;  
 Amazon; Det. S. p. 73: (Dipl.)-  
 CONSIMILIS, A. S., Atlas 2f46; Schm. N. D. p. 91-2f46; Lager. 1373p. 45;  
 Det. S. p. 177: (Diploneis.)---  
 + CONSORS, A. S., Atlas 43f24-27; Cl. Vega p. 505; Det. S. p. 94: (Diploneis.)  
 CONSPICUA, E. - Pinn. p. 100; Prit. p. 11131; Det. S. p. 133: *Consp. 2 p. 43*;  
 CONSPICUA, A. S., Atlas 43f10, 11; Det. S. p. 11. 60, 190;  
 CONSTRICTA, E., Int. p. 133-2117; Mik. p. 133A-1718; Prit. p. 393;  
 R. E. S. p. 220: (Denticella; -Sarcinella.)--  
 CONSTRICTA, Grun. 1360p. 535-1f13; R. E. D. p. 205; Fortm. Gey. p. 25; Dannf.  
 p. 34; Atlas 12f35; 39f42; V. H. Type 100; Viller. p. 101; 102. 1. 102;  
 (Caloneis; -Diploneis; -N. musca, Donk.: -N. timida.)--  
 var. d. S. Atlas 109f42

conspicua, Cl. Nov. 2 p. 26: - (*Schizonema*)

CONTATA, Grm.-V.H.S.p.109-14f31,31a: V.H.S.p.103; Del.S.p.103; Cl.Nav.1.102; (N.undosa, E., & cont.)  
 v.biceps, -V.H.S.p.109-14f31b; Del.S.p.103; Cl.Nav.1.102;  
 CONTRIBA, A.S., Atlas 130f7,13; Del.S.p.110; -(Trachypleura capensis, v.)--  
 CONTIGUA, A.S., Atlas 3f43; Del.S.p.94: (Diploneis.)---  
 CONTRACTA, E.-Abh.Ber.1342p.235: Del.S.p.102;  
 CONTRACTA, Grm.-Atlas 130f13: (Caloneis calapagensis, v.)---  
 CONVEXA, S.B.D.1.19-10f15; Grm.; M.J.1359p.1: Prit.1.903; R.E.D.p.57; S.B.D.1.253; Grm.1372p.73: A.S.1.1031,103:  
 (A'prora. latestriata; -Scoliopleura c.)  
 COPIOSA, A.S., Atlas 129f3; Cl.Nav.2p.59;  
 COQUEBENSIS, Donkin, M.J.1359p.293-13f4: (Caloneis calapagensis, v.)---  
 CORREPTA, A.S., Atlas 130f15: (Caloneis Galapagensis, v. Japonica.)  
 COSMARIA, Breb.MSS.:-(N.undosa, E.)-  
 COSTATA, K.B.p.93-3f53; K.S.A.p.72; Grm.1360p.54I; Prit.1.903:  
 R.E.D.p.225: Wolle pl.24f6,7: Herio.p.37-4f7: Pinn.tata):  
 (N.undosa; -Stenoneis polygramma: 12-13f1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63,64,65,66,67,68,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135,136,137,138,139,140,141,142,143,144,145,146,147,148,149,150,151,152,153,154,155,156,157,158,159,160,161,162,163,164,165,166,167,168,169,170,171,172,173,174,175,176,177,178,179,180,181,182,183,184,185,186,187,188,189,190,191,192,193,194,195,196,197,198,199,200,201,202,203,204,205,206,207,208,209,210,211,212,213,214,215,216,217,218,219,220,221,222,223,224,225,226,227,228,229,230,231,232,233,234,235,236,237,238,239,240,241,242,243,244,245,246,247,248,249,250,251,252,253,254,255,256,257,258,259,260,261,262,263,264,265,266,267,268,269,270,271,272,273,274,275,276,277,278,279,280,281,282,283,284,285,286,287,288,289,290,291,292,293,294,295,296,297,298,299,300,301,302,303,304,305,306,307,308,309,310,311,312,313,314,315,316,317,318,319,320,321,322,323,324,325,326,327,328,329,330,331,332,333,334,335,336,337,338,339,340,341,342,343,344,345,346,347,348,349,350,351,352,353,354,355,356,357,358,359,360,361,362,363,364,365,366,367,368,369,370,371,372,373,374,375,376,377,378,379,380,381,382,383,384,385,386,387,388,389,390,391,392,393,394,395,396,397,398,399,400,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,418,419,420,421,422,423,424,425,426,427,428,429,430,431,432,433,434,435,436,437,438,439,440,441,442,443,444,445,446,447,448,449,450,451,452,453,454,455,456,457,458,459,460,461,462,463,464,465,466,467,468,469,470,471,472,473,474,475,476,477,478,479,480,481,482,483,484,485,486,487,488,489,490,491,492,493,494,495,496,497,498,499,500,501,502,503,504,505,506,507,508,509,510,511,512,513,514,515,516,517,518,519,520,521,522,523,524,525,526,527,528,529,530,531,532,533,534,535,536,537,538,539,540,541,542,543,544,545,546,547,548,549,550,551,552,553,554,555,556,557,558,559,560,561,562,563,564,565,566,567,568,569,570,571,572,573,574,575,576,577,578,579,580,581,582,583,584,585,586,587,588,589,590,591,592,593,594,595,596,597,598,599,600,601,602,603,604,605,606,607,608,609,610,611,612,613,614,615,616,617,618,619,620,621,622,623,624,625,626,627,628,629,630,631,632,633,634,635,636,637,638,639,640,641,642,643,644,645,646,647,648,649,650,651,652,653,654,655,656,657,658,659,660,661,662,663,664,665,666,667,668,669,670,671,672,673,674,675,676,677,678,679,680,681,682,683,684,685,686,687,688,689,690,691,692,693,694,695,696,697,698,699,700,701,702,703,704,705,706,707,708,709,710,711,712,713,714,715,716,717,718,719,720,721,722,723,724,725,726,727,728,729,730,731,732,733,734,735,736,737,738,739,740,741,742,743,744,745,746,747,748,749,750,751,752,753,754,755,756,757,758,759,760,761,762,763,764,765,766,767,768,769,770,771,772,773,774,775,776,777,778,779,780,781,782,783,784,785,786,787,788,789,790,791,792,793,794,795,796,797,798,799,800,801,802,803,804,805,806,807,808,809,810,811,812,813,814,815,816,817,818,819,820,821,822,823,824,825,826,827,828,829,830,831,832,833,834,835,836,837,838,839,840,841,842,843,844,845,846,847,848,849,850,851,852,853,854,855,856,857,858,859,860,861,862,863,864,865,866,867,868,869,870,871,872,873,874,875,876,877,878,879,880,881,882,883,884,885,886,887,888,889,890,891,892,893,894,895,896,897,898,899

cruciata, Cl. - { Pinn. c. } -

crucifera, L. - Cl. Star. p. 32. - (L. mot. c. c. p. 2)

cruciformis, (Pinn. c.) -



- CRASSINERVIS, Breb.-S.B.D. Ip.47-3If27I; Mull; Braemar; Prit.p.900: R.  
D.Ex.No.55: Gran.I36Op.543-3f12; Schum.H.1.p.43; I364p.22; Cair.p.  
I05; Roper, Thames; Donk.B.D.p.42-3f12; Mull; Cl.I337p.635; I353p.225;  
Cl. & M.No.38; N.A. 321a; O'M.I.D.p.272-3f11; H.1.1.1877.1.1, 174-  
1851 "A, B": I374p.22; I375pp.235, 279; M.M.J.3-4-12; Mull; Linton, 1877.1.1, 174-  
Bras Alp.p.64-7f3 "E": Sm.Sp.1.260; A.O.M.I373p.I36; Tanarek I379p.  
35, f2a, I6b; Kinnora; Petit I333p. -4f3; Malaisie; Slamer, Duren; Herib  
p.III; *Cl. Navicula* (Pinn.).
- Saxonica & torfacea; -N. & VanHeurekia rhomboides & v.; -VanH.c.)--  
" var."b", Schum.H.1.p. -4f59; M.M.J.I375p.3-109f5;  
CRASSIROSTRIS, Gran.-Cl.I330p.41-3f17; Vega p.473; Del.S.p.I62; Cl.  
Nav.p.I07; Herib.p.I04;  
" v.Maasoensis, Gran.-Cl.I330p.43; Vega p.473; Del.S.p.I62;  
Cl.Nav.p.I07;  
CRASSULA, Nag.-K.S.A.p.390; R.S.D.p.40; Prit.p.900: R.E.D.p.I95;  
Del.Syll.p.I71;  
CRATICULA, E.-De Toni, Sylloge p.I90: (Pinn.)---  
CRAVENI, ---Fortm.Cey.p.25-2f19; Del.Syll.p.II7: (Pinn.)---  
CREGULLI, H. & Perag.-Herib.p.II9-4fI7: (Caloneis fasciata.)-  
" v.lanceolata, H. & Perag.-Herib.p.I20-4fI3: -(Cal. fasc.)--  
CRIOPHILA, Castr.-Del.Syll.p.25; Notar.I339p.639: (Pinn.)---  
CRISTATA, E., Abh.Ber.I354p.240; I370pl.3-3fI5; Mik.pl.35B-4b, fI3;  
(Donkinia.)---  
CRUCIATA, Fortm.Cey.p.25-2fI9; Del.Syll.p.II7;  
" CRUCIATA, Cl., N.L.W.D.p.3-1fII: Wollg. IIf3: -(Pinn.)---  
" CRUCICULA, w.S.-Donk.B.D.p.41-3fII; Cl.I330p.35; I331p.9; I331p.27;  
Dannf.p.20; V.H.S.p.95-10fI5; T.H.S.II2; Del.S.p.II3; Cl.Nav.p.II0;  
(Stauroneis dilatata, w.S.)---  
" v.minuta, Gran.-Cl.Nav.p.I40: -(Stauroneis c., var.m.)-  
" v.obtusata, Gran.-Cl.I330p.35-2f37; Cl.Nav.p.I40; Del.S.p.II5;  
(Nav.obtus.)-  
" v.protracta, Gran.I332p.I40-30f475; V.H.S.p.95-3, f27;  
Del.S.p.II5: (Nav.pro.)---  
CRUCIFERA, O'M.I.D.p.354-30f37: -----Gran., Atlas 45f50-54? Cl. & M.No. 62  
I54; Dannf.p.23; Malaisie; (N.apiculata, v., & Granowiana.)-----  
CRUCIFIX, Bras & T.p.42-7fIP: Del.Syll.p.I02: (-Pseudo-amphipora.)  
CRUCIFORMIS, Donk.M.J.I36Ip.I0-If7; B.D.p.65-10f4; Schm.N.D.p.90-2f  
25; Dannf.p.24; Lagr.I373p.32; Cl.I373p.5; I330p.23; Vega p.464; V.  
H.S.p.74-A, f8; Wollg. 24fI9; Del.S.p.I4: -(-Pinn.Brachissonii, "a.")--  
" v.borealis, Cl.Vega p.464, 49I;  
" v.brevior, Cl.Vega p.464-35fI3: -(Pinn.c. var.br.)-  
" v.Seychellensis, Gran., Cl.I332p.33; Del.S.p.I5;  
" v.Upolensis, Gran.-Cl.I330p.23; Del.S.p.I5;  
CRUCIOLA, w.S.-Cl.Navic.p.III: Dannf. 1877p.373: (Schizoneis, w.S.)---  
CRUX, E.-Inf.p.I84; Mik.pls.I2f37a-c; I6-2fI2; Prit.p.839; Del.S.p.  
I87: (Pinn. & N.) follis & inflata; Tetracyclus.)-  
CRYPTOCERIALA, K.B.p.95-3f20, 26; K.S.A.p.74; Braemar; R.S.D.p.39-3f7I;  
S.B.D. Ip.53-17fI55; Mull; Bras p.24; R.D.Ex.No.43; Prit.p.901; T.H.S.  
p.I93; Gran.I330p.627; I331p.I2; I331p.I3; Del.S.p.23; Cair.p.I05;

- Cryptocephala, K.-

"v. lanceolula, Schum. - V.H Sp<sup>2</sup> 8 f 11.

> "v. perminuta, Gn. - Cl. Nav. (2) p. 14: - (Nav. per.)  
+ "v. pumila, (A. rhombulus lanceolula; - v. pumila v. fossilis;

+ "v. veneta, Cl. Nav. (2) p. 14:  
(N. veneta.) -

"v. rhynchocephala, - (Nav. rh.; lanceolula).

Cl. I363p.223; I33Ip.5,9; Naess; I39Ip.32; Schum.d.7.1.63; I359p. -  
2fI7; Neipauer p.196-3f30; Donk.B.C.p.37-5fI4; R.Alg.e.No.447; 1111;  
Brugger p.236; New Zealand; Ardissonne I364p.393; Ardissonne; Eiben,  
I37I; O'M.I.D.p.4I4-34f25; Ebert, Cassel; Prollius p.3I; Sm.Sp.7.26f;  
Arizon; Petit & Lema; liste p.20; Gran Alp. p.70-7f22; Navicula p.11-  
2f9-12; Gallik, Pagan; Dannf.p.23; Lake Michigan; V. i. S. p.34-3fI, 5; 7.  
92; Hoffmann, Marburg; Perag.p.60; Bellon, Eichen; wolle 12f16; Del.  
Syll.p.46; Herib.p.101: *Cl. Nav. (2) p. 14.*

(N. appendiculata, <sup>var. exilis</sup> Ehrenbergii & gregaria *cf. mutica, p.p.*)

v. angustata, Gran Alp. p.70: (Nav. ang.)---

v. latior, Dannf.p.23-3fI2; Cl. I39Ip.32; *Cl. Nav. (2) p. 14.*

v. exilis, Gr. - V. i. S. p.34, 5; 7. No. 92; *Cl. Nav. (2) p. 14. (Nav. ex.) p.p.*

v. intermedia, A.M. i. S. p.34, 5; 7. No. 92; *Cl. Nav. (2) p. 14. (Nav. ex.) p.p.*

v. latiuscula, Gr. - I360p.127-2f23; V. i. S. p.34, 5; 7. No. 92; *Cl. Nav. (2) p. 14. (Nav. ex.) p.p.*

(Nav. lanc., K.)

v. minor, Gran. I360p.527-2f23c,d; Spaner, Duen;

v. parva, Gr. - Del. Syll. p.13; *Cl. Nav. (2) p. 14. (Nav. ex.) p.p.*

v. elongatula, Gr. - I360p.127-2f23; Strose Kl. p.9-1f22; (N. lat.)

v. Thurholmiensis, Lager. - Cl. I39Ip.32: (N. Thur.)

v. veneta, Rabh. E. D. p.198; V. H. S. p.35; Perag.p.60; Del. Syll. p.46; +

CUBITUS, Gr. & Tapp. p.42-3f3; *Cl. Nav. 2 p. 31*

CUNEATA, O'M., I. D. p.355-30f40;

CURTESTRIATA, Pant. 2p.44-2fI9; 3f2.-12fI33: ~ (P. gibba) ~

CURVINERVIA, Gr. - Cl. I373p.3-2fI3: (Alloioneis; -Scolioptera.)---

CURVIPUNCTATA, A. S., Atlas 3f40; Malaisie:

CURVULA, E. - Inf. p.131-13fI4; Amer. p.1.2-4f6; K. B. p.102-4f3I; 29fI;

K. S. A. p.33: Eiben, I37I: *nik. p. 11.*

(Frist. inflexa; -Nitzschia sigmatella, var., & c.; -Pleurosigma.)---

CUSPIDATA, K. B. p.94-3f24, 37; K. S. A. p.74; R. S. C. p.37-5fI6: R. Alg. E. No.

II36; Desmaz. I, No. I464; 2, No. I064; Mathier; Marissal p.23-1fII; S. B.

D. Ip.47-13fI3I; Prit. p.905-12f5; Gr. - I360p.523; I365p.12-2fI3; 49p.

p.32; Weiss I360p.339-3f23; Gr. - I360p.523-1f17-2; 1. No. 92.

I7I; Carl. p.107; Donk. B. C. p.39-3f3; Eul. Sp. 7.37; Roper, Thames; N. &

R. S. p.7I; Mull: Cl. I364p.223; I33Ip.9; Cl. & M. No. 99; Vega p.49I; 29I

pg.32; Navic.p.109; Petit & Lema; liste p.20; I363p. -4f5; Prollius

p.32; Gran Alp. p.6647; Strose Kl. p.9-1f22; A. O. M. I379p.97; M. W. J.

I374p.22; Sm. Sp. 7. No. 259; Nylander, w.; Sur. Jap. p.12-1fI3a-c; O'M. I. D.

p.357-3fI; Macdonald p.10f24a; Kinnora; Dannfelt p.29; Delogne; V.

H. S. p.100-12f4; 7. No. 120; Hoffmann, Marburg; Talarck I379p.33, fI5A;

Bellon, Eichen; wolle 12f16; Del. Syll. p.46; Herib. p.107: *Adas 2118 34-39, 32.*

B. C. I337p.72-66fII; M. T. P. 3-4-5; Perag.p.53; wolle 12f16; Del. S. p.

I36; A. M. M. J. I39Ip.1.1f12; Herib. p.107: *Adas 2118 34-39, 32.*

(Bacillaria & N. fulva; -Cymbella latifasciata; -Frist.; -N. vilpina &

amphisbaena; -VanHeurckia.)---

v. ambigua, E. - Pfitzer p.33-3fI-9; Cl. Nav. p.110;

(Nav. amb., birostrata, quarnerensis & sphaerophora.)-

v. alpestris, Gran Alp. p.66, -7f6: *Del. Syll. p. 137.*

v. amphisbaena, E. - Rabh. E. D. p.170: (Nav. amph.)----

Dactylus,  
"forma maxima, T.H.S. 5-f1: - (Pinn. dac.)  
"var., A.S. illus 4215; Petit, Cap. 10.

Leucurus, (of allis = P. sub-laris): -



- var. "b" fulva, Nitzsch.-R.E.D.p.170; Pet. lists p.20; (Nav.f.)  
 forma craticula, Perag. & H.-Herib. p.107-4615;  
 v. craticularis, Grun.-New Zealand: *Atlas 211f37*; ~ (Smittella c.)---  
 v. danaica, Grun.-Cl.Nav. p.110; (Stictodermis Dana, 1811.)-  
 v. halophila, Grun.-V. d. S. p.100-B, f30; T.No.12, sub; Det. Syll. p.135;  
 (Nav.hal.)---  
 v. latitanti, Petit.-Pant. p.108-4162; Cl.Nav. p.113;  
 v. lanceolata, Grun. 1830, p.529;  
 v. longicollis, Sar. Jap. p.12-1f16d; Det. S. p.137;  
 v. obtusa, Grun. 1830 p.529;  
 CUSPIS, O'M.I.D. p.353-31f3; Det. S. p.137;  
 CYMBULA, Donk.-M.J. 1839 p.294-13f6; Cl.Vega p.491;  
 V. d. S. p.1.7f32: *-(N. lanceolata, v. cymbula: - (N. varians.)----*  
 CYCLOPHORA, Cast. 1837 p.34-28f13; Notar. 1839 p.637; Det. S. p.172;  
 CYNTHIA, A.S., Atlas 3f41; O'M.I.D. p.395-33f10; Woll. 9f25, 26;  
 Det. Syll. p.93; (Dipl.)----  
 CYPRINUS, K.B. p.99-29f35; K.S.A. p.32; Breb. D.C. p. : Prit. p.938; Grun.  
 1830 p.314; 1871 p.15; Schum. 1871 p.27-2f50; Donk. 1871 p.11; T. No. 409-34fII: Sm.Sp. 7.252; Lagr. 1873 p.33; Dannf. p.25; V. d. S. p.1.7f3; T.  
 No.73; Perag. p.58; Villef. p.46; Herib. p.102;  
 (Pinnul. c. & digito-radiata: *Nav. peregr. v. meniscus*)  
 CZEKEHAZENSIS, Pant. 2p.44-4f59; Det. S. p.73; (N. diadema, Neq.)----  
 DACTYLUS, K.B. p.93-29f39; K.S.A. p.79; Prit. p.997; Grun. 1830 p.713; Pl.  
 1831 p.223; 1831 p.1; Petit. 1831 p.108-4162; Det. S. p.172; Sm. Sp. 7.  
 250; *Atlas 42f24, 25*; Woll. 21f1; Petit, 1833: Pant. 1, p.44;  
 Herib. p.81: *J.Q.C. 70p.37*; (N. nobilis, v.; -Pinn.)  
 var. subgigas, Woll. p.1.21f4;  
 DALMATICA, Grun. 1830 p.525-1f14; Atlas 3f53-60; Cl.Vega p.511;  
 Villef. p.51; Det. Syll. p.81; (Diploneis; -Pinn.)--  
 DARIANA, A.S., Atlas 42f24, 25; Woll. 17f5; Det. S. p.16; Herib. p.32; *Atlas 42f24, 25*  
 DAVIDSONIANA, O'M.I.D. p.361-31f13; Det. S. p.180;  
**DEBILIS**, Pant. 2p.44-12f24; Pl. 1831 p.223; Det. S. p.172; *-(Pinn. lanceolata)---*  
**DEBILISSIMA**, Grun. 1831 p.51-1f42; Det. S. p.180; *Cl. Vega (-) p.81*  
 BEBYI, Pant. 1, p.20-15f12; Det. S. p.172; (Diploneis.)  
 DECIPIENS, Grun. 1830 p.150 p.91-- (Stictodermis 1801 p.1.)-  
 DECIPIENS, O'M.I.D. p.359-31f3; Det. S. p.138; Cast. 1837 p.32-27f17;  
 DECORA, E.-Det. S. p.138; (Pinn.)---  
 DECORA, Gro. & St.-J.Q.C. 1837 p.133-10f13; Notar. 1837 p.552; Atlas  
 174f27; Det. S. p.179; Cl.Nav. p.74;  
 DECUMANA, Pant. 3p.72-33f499; *-(Pinn. lanceolata)---*  
 DECURRENS, K.B. p.99; K.S.A. p.81; Mik. pl. 11f23; Prit. p.396; R.E.D. p.  
 139; Schum. H. 1. p.40, 75; Atlas 43f29, 30; Cl.Vega p.494-29f16;  
 Woll. pls. 9f38, 39; 25f3; Herib. p.95; (Pinn.)--  
 var. "g", Prit. p.396; (N. trabecula.)  
 DECUSSATA, K.S.A. p.70; Grun. 1830 p.541; Prit. p.903; Petit Cat. p.20-  
 4fII; J.R.M.S. 1873 p.215-14fII; Det. S. p.135; Malaisie: *Cl. Nav. (2) p.5*  
 (N. extensa; -Pinn.)-  
 DEFINITA, Gro. & St.-J.Q.C. 1837 p.76-31II; Notar. 1837 p.342-29f17;  
 p.120; Cl.Nav. p.135;

+ Delawarensis, Cl. Nav. 2p. 41:

+ dicapitata, Cl. L.S. 2, n. 19p. 44-45. -

+ Delwittiana, (h. Yarensis, var.)

- dicapitata Green. 1882 pl. 30 f 55

" W. elgimensis, Frey. - Cl. Nav. 2p. 21: - (Pinn. Elg.)

" W. dicapitata, Fr. - 1882 p. 156-30 f 54: Cl. Nav. 2p. 21:

" " stauroneiformis, A. A. T. 1884 p. 53, 54:

+ didyma Petit, Cap. 4m. Herp. 82.

" " "S" 5 reg. - J.M.S. 1856 p. 44-5 f 16.

+ difficilis - (Kennedyi, var. def.) -

+ digitato-radiata, Greg. -

+ " var. cyprius, Oestrup 1897 p. 319:

" var. Seydellensis, Cl. Nav. 2 p. 46:

+ diffusa, Ait. - Perag. Vill. p. 49-3 f 30: Cl. Nav. 2 p. 46:

" V. Balearica, Cl. Nav. 2 p. 46:

" V. minor, Cl. Nav. 2 p. 46:

+ directa, Wilm. - <sup>Petit. Cap Horn:</sup> Ait. 47 f 5; A. Sch. H. D. pl. 3 f 2: Oestr. 97 p. 320:

" var. Javanica, Cl. Nav. 2 p. 27:-

" " remota 47 f 1-4:





distans, W.S. - P. t. t. Cap 11/12/13

disticha, W.S. - Atlas 2/12/13

+ divergens,

> "forma minor, Atlas 44 f 14, <sup>15, 42</sup>~~34, 35~~ 45 f 31-34; - (Pinn. stauroneiformis, <sup>recauf. pl.</sup>)  
"Atlas 44 f 6-7 = Pinn. circ. v. elliptic; -

CISSIMILIS, Rabh., DeToni Syll.p.8I; ---Pinnularia;)-----W.S., in A.M.N.H.  
1857p.8-2f6; Prit.p.9I0; DeT.S.p.267:

(N.elepsydra, Ralfs, & Scoliopleura: )-----

DISTANS, W.S.-Ralfs, Prit.p.907; Grun.1330p.523; 1331p.13; 1334p.42;  
Breb.D.C.p. : Cl.1368p.224; 1373p.17; Vega p.470; Petit Cat.p.26;  
Lagr.1376p.32; Fortm.Cey.p.27; Flogel, Baltic; O'M.I.D.p.343-30f6; V.  
H.S.pl.87-A, f18; Atlas 46fII-I4; Dannf.p.18; Perag.p.53; Brun & T.p.  
72; DeT.S.p.33: (Pinn.)--

v.borealis, Grun.1334p.3-1f26; Cl.1330p.33-2f42; Vega p.476; (Pinn.)--

DISTENTA, Schumann H.T.p.73; 1357p.53-2f23; Atlas 2f14; Wolle pl.

13f10; DeT.S.p.101: Cl. Nav. 2p.62:

DISTOMA, Grun.-Cl.1330p.30; DeT.S.p.123:- (Caloneis & N.brevis, var)

v.angustior, Cl.1330p.31-1f26; DeT.S.p.124;

(Caloneis d., var.; -N.brevis, v.)--

v.lator, Cl.1330p.31-1f25; DeT.Syll.p.124:

(Cal.dist.var.; -N.brevis, v.)

DIVERGENS, W.S.-Ralfs, Prit.p.896; Grun.1330p.322; 1331p.13; 1334p.42;

p.70; Cl.1338p.225; 1339p.5; Arenig Bach; O'M.I.D.p.345; Atlas 12f

20, 31; 44, 76; 1339p.5; Dannf.p.27; Pet.118p.11; 1339p.

447; M.T.P.2-1-3; DeToni, Lichon; Kinnord; Lake Michigan; Wolle pl.

19f20, 21; Malaisie; DeT.S.p.17; Herib.p.39; (Pinn.)--

(Diploneis; -N.entomon & Pfitzeriana; -Pinn.)-

v.elliptica, O'M.I.D.p.345; Grun.1334p.46-1f19; DeT.S.p.17:- (Pinn.e.)

v.longa, O'M.I.D.p.345-30f13:

v.Mullensis, Greg.-Kinnord list;

v.prolongata, H. & Perag.-Herib.p.39-4f1; (Pinn.)--

v.undulata, H. & Perag.-Herib.p.39-4f2; (Pinn.)--

DIVERGENTISSIMA, Grun.-Cl. & M.No.133: Cl.1339p.5; V.H.S.pl.6f32;

DeT.S.p.193;

DIVERSA, Grev.-Trans.Bot.Soc.Edino.1333p.579-15f14; DeT.S.p.79:

(Dipl.Weissflogii; -Donkinia; )

DOCZYII, Pant.2, p.45-14f247; DeT.S.p.9I:- (Dipl.Smithii.)

DOLGENSIS, Pant.Ip.24-24f219; DeT.S.p.123: Cl. Nav. 2p.51:

DOMBLITTENSIS, Grun.1332p. -30f60: (Diploneis.)--

DONKINIA, O'M.I.D.p.393-33f20; V.H.T.No.103: (N.misc.)--

DONKINII, Carruthers p.103: (N.truncata.)--

DONKINII, A.Schm.N.D.p. -1f12; 2f6; Fortm.Cey.p.27; Atlas 12f10;

Vega p.471; Wolle 15f17: (Dipl.constricta; -N.Archeliana.)-

var., A.S., Atlas pl.12f63;

DUBIA, E.-Amer.p.130p.1.2-3f3; M.T.P.5-2f9; 50-3f32; W.S.1.95-23f6f;

K.S.A.p.7I; R.S.D.p.40-6f60; Prit.p.902; Carr.p.105; Schm.H.T.p.70;

M.O.1350p. -1f8; Schm.1334p.21-2f65; S.S.D.2.1.106; R.S.D.p.213; Dann

B.D.1.30-5f5; Atlas 49fII, 24; Lake Michigan; O'M.I.D.p.337-31f23; Cl.

139Ip.9; Wolle pls.10f27; 17f22; Herib.p.114;

(Neidium; -N.iridis, v.; -N.Peisonis, v.)--

DUPLEX, Pant.3p. -42f579: (N.quadriseriata.)--

DUBRAVICENSIS, Pant.3p. -19f23I:

DUPLEXA, E.-Amer.p.143, pl.2-6f24; M.T.P.1.2f103; W.S.1.100-23f73; W.

Elegans, W.Sm. —

“ var. *cuspidata*, Cl. Har. 2 p. 68.



- S.A.p.83; R.S.D.p.40-5f4; Prit.p.893; R.E.D.p.223; Wolle pl.23f3;  
Det.Syll.p.32;  
DURRANDII, Kitton.-J.Q.C.1836p.297; J.R.M.S.1835p.1042; Malaisie;  
Atlas pl.129f1,1a: *Cl. Har. 2p. 65:*  
" v. intermedia, A.S., Atlas 129f3; Malaisie: *Cl. Har. 2p. 65:* (N. briliata, v.)-  
" v. rhomboides, A.S., Atlas 129f4: *Cl. Har. 2p. 65:* (N. briliata, var.)-  
DUX, E.-Ralfs, Prit.p.903; Det.S.p.136; (Pinn.)-  
EGENA, A.S., Atlas 130f42, 43; (Caloneis.)----  
EGERIA- Pant.3p. -42f573; -(*Maat. 5-cust.*)  
EGYPTIACA, Grev.-T.M.S.1866p.127-12f16, 17; Det.Syll.p.174;  
Malaisie: (Caloneis.)  
EHRENBERGII, K.B.p.92-3f33; K.S.A.p.71; Prit.p.906; Neup.Asatag p.  
190-1f23; R.E.D.p.175; Nylander, W.; Brun Alp.p.80-3f23;  
(N. lanceolata, E. Inf.; -N. cryptocephalata & viridula.)----  
ELATA, Forth.Cey.p.27-3f33; Det.S.p.151; -(*Cl. Har. 2p. 65:*)  
ELEGANS, S.B.D.1.49-13f137; Breb.D.C.p. : Grun.1360p.634-2f37; Prit.  
p.907; Carr.p.107; Heib.p.35; Hall; Roper, Thames; Donk.4.D.1.28-411;  
R.E.D.p.132; 410, 41, Baltic; O'M.I.D.p.363-3f119; Lagr.1373p.46; Wolle  
pls.9f22; 24f9; Sm.Sp.T.270; Dannf.p.27; M.T.P.3-3-10; Malaisie; Cl.  
139Ip.32; Det.Syll.p.146; *Cl. Har. 2p. 68:*  
> (Caloneis amphisbaena, v. Fenzlii: -N. Fenzlii, p.p.)-  
ELEGANTULA, Grun.1360p.522-1f29; R.E.D.p.208; Det.S.p.90;  
ELESDIANA, Pant.1.24-17f152; 2, 1.45; Det.S.p.72: -(Dipl. splendens, v.)-  
ELGINENSIS, E.-Ralfs, Prit.p.902; Cl.1330p.35; Wolle 20f22;  
Det.S.p.57: *Cl. Har. 2p. 68:* (N. disciphalata; -Pinn.)----  
ELLIPSIS, W.S.-Hull list;  
ELLIPTICA, S.B.D.1p.48-17f152; O'M.I.D.p.391-33f2;  
(N. lyra, var., & Smithii.)  
" var. "a" sporangialis, S.B.D.1.43-17f152a; Front.; -(Diploneis a.)---  
ELLIPTICA, E.-Abh.Ber.1844p.204; K.B.p.93-30f55; K.S.A.p.80; S.B.D.2,  
p.92; Prit.p.899; Carr.p.108; Heib.p.31; Grun.1360p.531; 1363p.13;  
1376p.17; R.Alp.E.Nos.502, 735 sub; Neup.Asat.p.192-2f47; R.E.D.p.170;  
Cl.1337p.665; 1338p.226; Cl. & M.No.137; 133Ip.9; Vega p.491; Donk.B.  
D.p.7-1f6; Schum.H.1.1.69; 1334p.21; New Zealand; Roper, Thames; Hall;  
Nylander, W.; Eiben, 1371; O'M.I.D.p.334-32f21; Lanzi, Tor.; Lagr.1373p.  
27; 1376p.33; Atlas 7f29-32, 23, 24, 54, 55; Brun Alp.p.77-3f13; Sm.Sp.T.  
271; M.T.P.3-3-3; Dannf.p.30; Tanaka 1379p.34, 1156; Gallia, Papan; V.  
H.S.p.92-10f10; Deby Polder p.17; Strose, Kleink.; V.H.T.No.107; Det.  
Syll.p.39; Atlantic City; Delogne; Bellebe, Lichonp.43f13; Pet., 1333;  
Lake Michigan; Perag.p.59; Wolle 14f13, 19; Herib.p.104; *Cl. Har. 2p. 68:*  
(Cocconeis Finnica & striata; -Diploneis; -N. ovalis, W.S., & formula; -  
Pinnularia cocconeioides.)--- *Pettit, Cocc. Har.*  
" var., A.S., Atlas 7f27, 23; " var. "b", S.B.D.2p.92;  
" v. cocconeioides, Rabh.E.D.1.130; Det.S.p.90; (N. & Pinn. a.)--  
" v. costata, O'M.I.D.p.335;  
" v. Davidsoni, O'M.I.D.p.335;  
" v. disciformis, R.-Det.Syll.p.90; (Pinn. a.)  
" v. extenta, Perag.p.59; R.E.D.p.130; Herib.p.105;

+ Eutomon, Petit Cap Horn:

+ Ergadensis, Petit Cap Horn:

*Esociulus*, forma elongata, atlas 47 f 35, 37:

Esone  
var. *floridula*, Gr. - cl. & m. #44: atlas 44 f 8: - (Pinn. leg., r. Fl.)

+ excapata, Gr. - (vide *N. lyra*, vars.) - Jan. Gaz. pl. 15 f 22:

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- v.fossilis, Pant.3p. -2f32; (Diploneis Smithii.)
- v.grandis, Grun.1882p.145: (Dipl.ellipt.v.gr.)--
- v.major, H.& Per.-Herib.p.105;
- v.Minor, Rabh.E.D.p.180; Grun. 1882p. : Det.Syll.p.90:  
(Diploneia e.; -N.parmula.)--
- v.minutissima, Grun.-V.H.S.p.92-10f11; Lake Michigan; Det.Syll.p.  
90; Malaisie: Herib.p.105; -(Diploneis puella; -N. puella Schum.)
- v.oblongella, Naeg.-V.H.S.p.92-10f12; T.No.103; Det.Syll.p.90:  
Herib.p.105; (Nav. ob.)----
- v.ovalis, Hilse.-O'M.I.D.p.385-32f22; (Nav. ov.)---
- v.parmula, Perag.p.59: (Nav.p.; -N.elliptica, v.minor.)-
- v.parva, O'M.I.D.p.386:
- v.puella, Schum., Det.S.p.90: -(N. puella, p.p.; -Diploneis p.)----
- ELONGATA, E.-Mik.1853p.77: -(Gyrosigma; -N.diagonalis; -Pl.ang. flatm.)----
- ELONGATA, Grun.-A.Schm.N.D.p. -2f42; Petit, Nimrod: Fortm.Cey.p.27; Cl.  
Vega p.511; Wille 9f37; Det.S.p.139; Malaisie; *Atlas 3f22-25*
- ELONGATULA, Pant.21.45-3f40; Det.S.p.171: - (Caloneis.)-
- EMARGINATA, E.-Abh.Ber. *1877* p.460; 139-3f33; Prit.1.393; R.E.D.p.228:  
Det.S.p.181:
- ENTOMON, E., Kreid.1840p.75: Amer.pl.1-1f3, 4; K.B.p.100-23f74; K.S.A.p.  
83; Prit.p.393; Donk.B.D.p.49-7f5; Schm.N.D.p. -1f13, 14; O'M.I.D.p.  
401; Atlas 13f43-45, 48, 49; Lagr.1873p.38; M.T.P.3-3-5; Pet.Cat.1.20:  
Cl.1873p.4: Atlantic City; Wille pls.1216; 63f1; Villef.p.82; Det.  
Syll.p.81: Malaisie: (Diploneis; -N.divergens & splendida; -Pinn.)--
- vars., Castr.1837p.28-20f10, 17:
- EPSILON, Cl., LeD.No.131.12-1f3; *CC. Nav. 2p. 42*
- ERGADENSIS, Ralfs, Prit.1.907: O'M.I.D.p.409-34f10; (Cancellata, v.1819)
- EROSA, Cl.Vega p.463-33f23; Det.Syll.p.53; *(N. Clathrata)*
- ERYTHROEA, Grun.1850p.539-3f17; Fortm.Cey.p.27; Atlas 3f22: (N. Clathrata)
- ESOCULUS, Schum.1852p.139-9f13; 1357p. -2f51; R.E.D.p.190:  
*Atlas 47f35, 37; Det.S.p.155;*
- ESOX, K.B.p.94-8f53; K.S.A.p.73; Prit.1.395-12f43; Pet.Cat.1.22; Nonp.  
Asat.p.195-3f54; O'M.I.D.p.31f23; Sm.Sp.1.272; A.S.M.1815p.136; Det.  
Syll.p.164; Wille 23f14; Melio.p.31-414; (Pinn.)-
- EUDOXIA, O'M.I.D.p.397-33f19; Atlas 3f29, 10; Fortm.Cey.p.27; Villef.p.  
51; Vega pp.472, 511; Wille pl.1415; Det.S.p.173; Malaisie:  
(Dipl, contigua, var.)----
- var., A.S., Atlas 70f71:
- ETA, Cleve.-LeD.No.13p.13-1f5; *CC. Nav. 2p. 42*
- EUGENIAL, *(N. 2p. 42)* O'M.I.D.p.395-33f13; Atlas 3f14, 15; N.L.W.D.p.7-7f13;  
Fortm.Cey.p.27; Wille 10f10; Det.S.p.173: -(Caloneis; -Cl.1. contigua, v.)
- EURYALE, E.-Mik.p.355; Prit.1.911: Det.S.p.139:
- EURYCEPHALE, Rabh.S.D.p.40-3f70; Prit.1.901; R.E.D.p.199:  
Det.S.p.151;
- EURYSOMA, E., Kreid.1833p.130-4f10n; Mik.pl.3-1f33; K.B.p.103-21f17; K.  
S.A.p.37: Prit.1.911: Det.S.p.135: (Cocconeis; -Stauroneis.)-
- EXCAVATA, Grev.-T.M.S.1836p.130-12f15; Atlas 3f22-25; Fortm.Cey.p.27:  
Villef.p.49; Br. & T.p.72; Wille 14f15, 27; Pant.2p.45; Det.S.p.136:
- v.Angelorum, Brin & Timp.1.72: *(N. 2p. 42)* (Nav. Ang.)----



*Excerpta*

at 1270, page 3:

Sierrita, Gu. Atlas 21217

Sierrita Cl. Gu. Cl. No 2 p. 28: (Sierrita 3)  
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- EXCENTRICA, Grun. I360p.545-IfI; R.E.D.p.130; Atlas 50f3, 7; Wollf. I3f2;  
(N.Bleischiana & maxima; -N.(& Caloneis) liber, var. ex.)
- EXEMPTA, A.Schm.N.D.p. 2f5; Atlas II f23, 29; 69f13, 40; Cl. I373p.3;  
Fortm. Cey. p.23; Villerf. p.53; Wollf. I3f4; C.A. Syll. p.34; Malaisie;  
(Diploneis e.)
- EXIGUA, Greg., V.H.S. pl.3f2; Amazon; (N. pectinata; -Pinn.)
- EXIGUA, Pant. 3p7.---3f45:
- EXILIS, Grun.-V.H.S. p. I0f-I2fII, I2; T.No. I23:-(N. appendiculata, v.)---  
K.B. p.95-4f6; K.S.A.p.75; R.S.D.p.39-3f34; Prit. p.90f; Grun. I360p.  
553-2f30; Hoffmann, Marburg; Schm. I367p.53-2f3f; O.M.I.D.p.407-54f2;  
Spaner, Ocher; Dannf. p.27; Petit liste p.20; Delise, Lichon; Wollf. I3f  
40; Lake Michigan; Det.S.p. I42; (Achnanthisium microcephalum: -  
N. Falaensis, lanceolata, cryptoccephala, var., & leptoccephala)---  
Herib. p. IIO:
- EXILISSIMA, Grun.-V.H.S. p. I03-I4f30; T.No. I4f; *Cl. Nav. 2 p. 2 f. 1*;  
(N. microcephala.)--
- EXILLIMA, Grun. I363p.9: (N. microcephala.)--
- EXPEDITA, A.S., Atlas 69f6; Malaisie; Det.S.p.85: *Petit Cap. Hanc.*
- EXPLETA, O'M.I.D.p.394-33f9; Atlas 69f7, 8; Det.S.p. I03:  
(Dipl. erabro, v.; -N. notabilis, v.)--
- EXTENSA, Ralfs, Prit. p.903: (N. decussata.)-
- EXSUL, A.S., Atlas 2fI3; Vega p.493; Wollf. I3f5; Det.S. p. I0f: *Cl. Nav. 2 p. 2 f. 1*
- FABA, K.S.A.p.82; R.S.D.p.40; Prit. p.392; R.E.D.p.202:  
Det. Syll. p.3f: (Dipl.)
- FALAISENSIS, Grun.-V.H.S. p. I03-I4f5; T.No. I4f; Cl. Nares p. ;  
Herib. p. I20: Det.S. p. I03: *Cl. Nav. 2 p. 2 f. 1*; (N. exilis, K.)-  
v. lanceola, Grun.-V.H.S. pl. I4f6b: *Cl. Nav. 2 p. 2 f. 1*
- FALKLANDIAE, E.-Mik. p.239; Prit. p.9fI: Det.S. p. I39:
- FALLAX, Cleve Nav. p. I33-5f27;
- FAMELICA, Castr.-Cyclof. I339p.9; Det.S. p. I79:  
N. scopulorum, v. perlonga.)----
- FASCIATA, Lagr. I373p.34-2fII; Hedw. I374p. II9; V.H.S. pl. I2f34;  
Malaisie; Cl. Vega p.49f: Det.S. p. I77: (Caloneis.)
- FASCICULATA, Grun.-Cl. & M.No. I73; -(N. scopulorum, v.)-
- FEBIGERI, Cl.-N.L.K.D. p.9-2f2f; Wollf. II f3; Det. Syll. p. I24: *Cl. Nav. 2 p. 2 f. 1*  
(Achnanthes Danica; -N. Neumayeri, Pant.)-
- FENZLII, Grun. ~~I360p.534-2f37~~, I363p. I53; R.E.D. p. I32; Dannf. p.23;  
(Caloneis; -N. amphisbaena, v., & elegans.)-
- FILHOLII, Soubeiran., Sulfur. p.63-IfIO: Det.S. p. I30:
- FILIFORMIS, Pant. 3, *2. --- 3f33*;
- FIMBRIATA, Grun.- (Achnanthes heteropsis.)-
- FIRMA, K.B. p.92-2fIO; K.S.A.p.7f: S.B.D. Ip.46-I3fI43; Braemar; A.M.N.  
H. I355p.5-IfI; Mull; Prit. p.909; Grun. I360p.542; I334p.47; Lew. W.M.D.  
pp.3, IO; N. & R.S. p.7f: Bleisch, I363; Donk. B.D. p.3f-5f7; S.G. I363p.  
63f33; Arenig Bach; M.J. I369p.294-I3f3; New Zealand; Amazon; Schm. H.  
T. p.47; I364p.2f; Pet. Cat. p.20; Sm. Sp. T.273; M.T.P.3-3-23; Lagr. I373,  
p.29: Atlas 49fI3, I43; Cl. Nares p. ; Kinnora; Brun Alp. p.74-7fI: A.  
S.M. I387pl.4; Belloc, Lichon; Wollf. I9fIO; Det.S. p. I55; Herib. p. IIf:  
(Neidium; -Frust. fulva; -N.(& Pinn.) alpestris, lata, var. & dilatata,  
Pannonica, tumescens, affinis, var.)

+ fluitans, -

v. *biconvexa*, Bn. - L. D. 2, No. 22 p. 241-22 f 19, 20;

v. *cuneoquadrata*, Bn. - L. D. 2 No. 22 p. 241-22 f 21, 22;

of all 132 p 132 No 6, 36 p 53.

- var. "a" major, Grun. I330p.544-3fI; Lagr. I373p.29; Strose Kleinen p. 10-If5a; Sur. Jap. p. I3-2fI31, m;
- var. "b" dilatata, Schum. H. 7. p. 75-4f3; Sci. Cos. I337p. I3, fI31; Lewis W. M. D. p. 9; M. T. P. 3-3-25; *Hum. 200 p. 343*; (Nav. d.)--
- var. "c" amphigomphus, S. B. B. p. 90; Sci. Cos. I337p. I3, fI32; *Hum. 200 p. 343*; (N. microstoma & a.)--
- var. "d", Science Goss. I337p. I53, fI53;
- v. affinis, Lewis, W. M. D. p. 9; M. T. P. 3-3-25; (Nav. aff.)--
- v. amphirrhynchus, Lew., W. M. D. p. 9; M. T. P. 3-3-25; (Nav. am.)--
- v. cuneata, Grun. I333p. 545; Lagr. I373p. 29; Strose Kleinen p. 10-If5b; Lew., W. M. D. p. 9; (N. amphig.)---
- v. dubia, Dickie & Gru. -Amazon;
- v. Hitchcockii, E. -M. T. P. 3-3-27; (Nav. d.)--
- v. latissima, Greg. -Lew., W. M. D. p. 9; M. T. P. 3-4-1; (Nav. l.)--
- v. scolioleptioides, Pet. & Leud.; lists p. 19-IfI; T. M. S. I337p. - I37fI; Petit Class. fI;
- v. subampliata, Grun. -Atlas 49fI9; M. T. P. 3-3-24; (N. sub.)--
- v. subundulata, A. S., Atlas 49fI6; Wille I9f9; Det. S. p. I26;
- v. tropica, Dickie & Gru. -Amazon;
- forma triundulata, Suring. Jap. p. I3-2fI3a-k;
- FISCHERI, A. S., Atlas 3f33; Wille I4fI1; Det. Syll. p. I25; (Nav. Johnsoni, Grev.)---- (*N. maculata*.)
- FLAMMULA, A. Schum. N. S. p. 90-2f12; Det. S. p. I72; -(Stenonopsis inflata, v.)--
- FLAMMA, A. S., Atlas 4f27, 28; Det. S. p. I73; (Stenonopsis inflata, v.)--
- FLAMMULA, A. S., Atlas 42f26; Det. Syll. p. I73; -(Stenonopsis inflata, v.)--
- FLAMMULA, Grun. I330p. 527-If9; Cl. I373p. I7; Vega p. 465; Atlas 49fI2; Det. S. p. 41; (N. angustata, v.)----
- FLATII, Pant. 3p. 2. -2f133; (*Hum. 200 p. 343*) (N. fluminensis, v.)--
- FLORIDANA, E., *Beitr. 1331p. 30*; (N. & Flaminio, v.)--
- FLORIDANA, Cl. -N. L. K. C. p. 3-If19; Wille I4fI1; Det. Syll. p. I25; (N. fluminensis, v.)--
- FLORIDANA, *Pinn. flor.*;
- FLOROWII, Grun., V. H. S. p. I09-I4f4I; T. No. I43; Det. Syll. p. I25; Cl. Navic. p. I32; (Diadesmis.)--
- FLUITANS, Br. -Brun I39Ip. 34-I5fI3; *Cl. Nav. 2p. 57*;
- FLUMINENSIS, Grun. I330p. 525-If7; Cl. I330p. 23; Vega p. 463; (Nav. floridana; -Pinn.)-- *Pinn. quadrata, var.*
- v. Kerguelensis, Grun. -Cl. I330p. 23; Vega p. 463; (*P. quad. var.*)
- v. minor, Grun. -Cl. I330p. 23-IfI2; Vega p. 463; -(*P. quad. var.*)
- FOLDERRIA, Grun. -M. T. P. 3-2-11; Det. Syll. p. I25;
- FOLIOLA, Br. -Brun & T. p. 45-7f5; Det. S. p. I22; Cl. Nav. p. I34;
- FOLIUM, E., Kreid. I340p. 76; Det. S. p. I90; (Pinn.)--
- FOLLIS, E. -Inf. p. I79; Mik. pls. 5-3f6; I3-IfI4a-c; I5-2fI2; I7-IfI5; I7-2fI2; Conk. B. p. 11-3f13; K. L. K. C. p. 3-If19; Vega p. 463; Schum. I339p. 35-2f9; Hull: Kinnora; (Biblarium: -N. crux; -N. & Frust. inflata: *Anomoloneis*.)
- FONICOLA, Grun., V. H. S. p. I1-IfI2; Det. S. p. I25; (Stenonopsis inflata, v.)--
- FONICULARIS, Grun. -V. H. S. p. I03-I2f13; Cl. I330p. 23; Vega p. 463; (Stenonopsis inflata, v.)--
- (*Cal. fasciata*; -Nav. bacillaris, *X*.)--



Foveipata,

" var. punctata, Cl. Nav. 2p, 66:

" " vesicularis, - Nav. 194; - Nav. Rosignoli, & N. seductilis, var., Pl.]

" " nummularia, Gr. - Cl. Nav. 2p, 66: (var. numoides.)

" " densistriata, Ad. - Cl. Nav. 2p, 66: -

" " pygmaea, Gr. - Cl. Nav. 2p, 66: - (N. pygmaea, var. hirsuta.)

Tormentaria Cl. 1p. 10-2f24: Atlas 46f<sup>10</sup>7. Cl. Nav. 2p 32-1f33:

De T. Sy Cl. p. 19: -

(N. mediterranea?)

+ fortis Gr. - Cl. Nav. p. 21:

+ frumentaria, Cl. 1p. 10-2f24:

+ frumentaria, Cl. 1p. 10-2f24:





Lucania, pinnatifida - Em 7-156:

frutiformis, E. Abh. B. 1829 p. 17:

Gammarus  
" V. setilimeatus Cochl. 2p. 45: Lea D. no. 13 p. 12-14:

+ gastrum, Q. et H. Mar. D. p. 48 no. 1897 p. 314:

- 33-If11; 18711.1.(B)f33; R.S.G.p.37-3f32; Weissz 1330, 1339-3f123; Cl.  
p.307-2f53; Donk.B.G.p.41-3f9; O'M.I.D.p.353-3f12; Vinnora; Proclitus,  
p.59; Siamer, Duren; Del.S.p.137; Hoffmann, Malour;  
(Bacillaria Phoenicenteron; -Cymbella f. & minor; -Frustulia anceps,  
depressa, f., major & parvula; -N. cuspidata; -Pinnularia; -Pleurosiph-  
onia; -Stauroneis bilostriis.)-
- FUSCA, Greg.-Ralfs, Prit.p.393; Grun.1333p.150; Carr.1.103; Donk.B.G.  
p.7-1f5; R.E.D.p.179; Flogel, Baltic; Pet.Cat.p.25; Atlas 7f2-4, 7-9;  
3f33-37; O'M.I.D.p.333-32f17; Cl.1373p.15; Vega p.472; Lagr.1373p.33;  
Deby Pold.p.17; Wolle 12f25; Pant.2p.45; Del.Syll.p.37; Villef.p.50;  
V.H.S.p.91-B, f24; T.No.105; Brun & T.p.72; *Petal. Cap. thorn* (Diloneis  
borealis & f.; -N. Smithii, v., & hyperborea; -Pinn. quadrifasciata.)--
- " vars., A.S., Atlas 3f51; Villef.p.51; Malaisie:  
" v.delicata, A.Schm.N.D.p.87-1f23; Atlas 7f1; Malaisie:-(Dipl.f.v.del)  
" v.delicatula, Perag.Villef.p.50; Del.S.p.37:  
" v.excisa, A.Schm.N.D.p.87-2f9; Del.S.p.37:-(Dipl.hyperborea v.exc.)--  
" v.fusca, Deloni, Syll.p.37:  
" v.1373p.15; 1373p.33:-(Dipl.1373p.15, v.1373p.33)---  
FUSCATA, Schum.1337p.57-2f43; O'M.I.D.p.373-32f4; Dannf.p.29;  
(Caloneis (& Nav.) amphisbaena, v.: -N. humerosa, v.)
- FUSIDIUM, E.-Amer.p.130; Mik.11s.5-3f4; 7-1f16; K.B.p.93; R.S.G.p.11:  
Prit.p.901; R.E.D.p.224; Wolle 23f10; Del.S.p.134;  
FUSIFORMIS, Grun.-M.M.O.1377p.75-12f11; Del.Syll.p.123; Cl.1373p.15;  
(Amphipleura Danica & Frauenfeldii; -Berk.fusidium; -Tropidoneis.)
- " v.ostrearia, Gaillon.-Grun., M.M.O.1377p.75-195f12; Cl. & M.No.143;  
V.H.S.pl.14f33; A.J.M.1879p.102; Cl.Nav.p.106:  
(Nav.ost.; -A'pleura.Danica; Vibrio ostrearius.)--
- FUSIOIDES, Grun.-Cl.1380p.46; Del.S.p.164; Cl.Nav.p.133:-(N.subala, Gr.)
- FUSUS, E.-Del.Syll.p.191:-(Pinn.)--
- FUTILIS, A.S., Atlas 13f17, 18; 39f36; Forcm.Cey.p.23; Cl.Vega pp.495,  
505; Malaisie; Wolle 17f3; Del.S.p.35: (N.vana.)
- GAILLONII, Bory Encyclop.1324; Diet.Vol.24f4; (Synsara.)--
- GALEA, Br.-Brun 1391p.34-13f7; *Cl. 1373p.34*:  
GALLICA, W.S.-Lagr.1373p.33; V.H.S.pl.14f39; T.No.147;  
Del.S.p.138: (Diaesmis.)---  
GALLIKII, Pant.2p.45-1f19; Del.S.p.37: *1373p.34*:  
GALLAPAGENSIS, Cl., N.L.K.O.p.14-3f30; Del.S.p.101:-(N.1373p.34, v.: -1)  
" v.japonica, A.S., Atlas 136f16; (Caloneis Gallap.var.jap.)---  
GALVAGENSIS, O'M.I.D.p.410-34f12; Del.S.p.52;  
GALLA, Clave.-Lac.No.101.12-11f2; *1373p.34*:  
GALLICANICA, Ralfs, Prit.p.901; R.E.D.p.187; Del.S.p.100: (Pinn.)  
GARKEANA, Grun.-Cl.Nav.p.155: (Rhoiconeis.)
- GASTROIDES, Grun.-M.M.O.1330p.39-4f17; S.1373p.12: 1111:-(Dipl.1373p.12)  
GASTRUM, E.-K.B.p.94-23f56; K.S.A.p.74; Prit.p.900; Donk.B.G.p.22-3f10;  
B.J.N.H.1862p.333-f34; Lew.W.M.D.p.11-2f17; O'M.I.D.p.415-34f23; V.  
H.S.p.37-8f25; Cl.1330p.31; Vega p.465; 1391p.31; Wolle 10f2;  
Lake Michigan; Del.S.p.37; Pant.2p.45-1f19; 1373p.34; *1373p.34*:  
(N.varians; -Pinn.g. & Kefvingensis: *N. Kefvingensis*, p.p.; *N. Hoffmanni*?)

forma ... 1892 p. 30 f 51: - (N. placenter.) VHS. 8 f 27:

2 var. anglica, Cl. 1880 p. 34:

+ v. ~~juncea~~ sis, Cl. Nav. 2p. 23: - (N. Basilica.) Oestrup 1897 p. 319:

+ v. ~~figura~~ 1 ~~Pi...~~ - 4. gastrum var. 1892

+ gelida, cl. -

" v. subimpresca, Gn. - Cl. Nav. 2p. 29: - (Nav. subimp.) -

" v. tenuis, Cl. Nav. 2p. 29: - (Nav. subimp. var. 1892)

+ gibba 1 olita p. 423: (of ontk., = P. tauroptera: -  
Bleich, in Rath. Alg. hist. re. 92 = forma curta = (P. gibba).



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forma elliptica, H. & Perag.-Herib.p.102:

v.Boryana, Pant.2p.46: Del.Syll.p.54: *Cl. Nav. 2 p. 23:*

v. eximiae, Gru.-Cl.1834p.31; Del.S.p.54: *Cl. Nav. 2 p. 23:* (H. & Perag. 1834)

v.Jennisseysensis, Gru.-Cl.1830p.31-If23; Vega p.465; Del.S.p.54: *+*

v.latiuscula, Gru.-Cl.1830p.31; Del.S.p.54: *Cl. Nav. 2 p. 23: Stone pl. 15/10.*

v.placentula, H.V.H.S.p.37-3f23, 23; Del.S.p.54: *(Hav. 1)*

v.Styriaca, Gru.1832p.144-30f30, 31; 1834p.46-If35; Del.S.p.54;

(N.punctata, v.asymetrica & N.amphibola.)----

GELIDA, Cl.-Gru.1834p.51-If27, 28; Cl.Vega p.473-3/f42; *(N. Kuriana, v. curia)*

Del.S.p.125: *Cl. Nav. 2 p. 27: Stone pl. 15/10.* (H. & Perag. 1834)

GEMINA, E.-Mch.Ber.1840p.19: K.B.p.100: V.S.A.p.33; Prit.p.394; R.E.D.

p.205; Schm.N.2.p.11-111; 211; 1875p.42-612; Atlas 1834p.1111;

Cey Folder p.10; Sch.Nimosa; wolle 18.1112, 10; 1216; Villaf.p.11;

(Diploneis; -N.bombus; -Pinn.)-

v.densistrata, A.S., Atlas 1811, 12; Gru. Cl. p.111-1111; (H. & Perag. 1834)

~~v. densistrata, A.S., Atlas 1811, 12; Gru. Cl. p.111-1111; (H. & Perag. 1834)~~

GEMINATA, Turpin Mem.Museum Vol.16p.303-13f2;

Prit.p.394; *(Frustulia.)*

GEMMA, E.-Kreid.1840p.73-4f5: *(Succinea.)*

GEMMATA, <sup>Sw.</sup> Linnb.New Phil.Jour.1859p.30-4f7; Prit.p.394; R.E.D.p.220;

Cl.1873p.4; Fortm.Cey.p.23; J.Q.C.1835p.103; 1836p.322: Del.S., il.

p.69: *Petit, Cap. Horn:* *(Diploneis.)*

v.issriata, Gru.1833p.100-1a, f16; Grevillea Vol.1p.91-3f1; Del.

Syll.p.69: *(Nav. 4 Dipl.gem.)--*

v.fossilis, Pant.1p.25-20f131; Del.S.p.69: *(Dipl.g., var.f.)*

v.Mediterranea, A.S., Atlas 3f42; Pet.Cat.p.25; Villef.p.51;

Del.S.p.69: *(Dipl.M.)-*

v.spectabilis, A.S., Atlas 3f33; Fortm.Cey.p.23; Pet.Cat.p.25; wolle,

10f46; Villef.p.41; Malaisie; Del.S.p.69:-(

(Diploneis g.: -Nav.Grunowii & s.)

GEMMATULA, Gru.-Atlas 1819-21; Fortm.Cey.p.23; Cl.Vega p.505;

Del.S.p.85: *Petit, Cap. Horn:* *(Dipl.g. & splendida.)--*

v. var., Cl.1873p.3: J.Q.C.1835p.107-111;

GEMMERA, A.S., Atlas 2f6; Del.S.p.101: *Cl. Nav. 2 p. 61:*

GENTILIS, Donk.B.D.p.39-1211; Dam.1p.23; V.A.1p.30; Del.S.p.11;

Herib.p.31: *(Pinn.; -Atlas 42 f 1:* *(N.major, v.crassa.)--*

GENUFLEXA, K.B.p.101-2f6; K.S.A.p.35; Prit.p.910; R.E.D.p.220;

(Rhoiconeis.)- *Cl. Nav. 2 p. 25:*

GIBBA, E.-Beitrag 1830p.64; Inf.p.184-13f19:-(Eunotia nouosa; -

Epithemia p. & ventricosa):-----K.B.p.33-34f72; V.S.A.p.33; R.E.D.

Pls.1-31a, b; 9-1021; 10-212; 10-1119; 12(A)115; Mass.Alg.p.411-1022

4: Prit.p.393; Gru.1830p.317; 1833p.17; Arschig Bach; Schm.1834p.211

1867p. -2f54; Donk.B.D.p.70-1215; Cl.1833p.224; 1834p.5; Amazon;

Nylandt, W.: Lake Michigan; Atlas 48f45-51; Petit, 1835; liste p.21:

M.1.P.3-3-17; - *Vinnora; Belle, Luchon; 1.3.*

C.1837p.72-66f11; Malaisie; Cey.p.23; wolle 20f11; 1112; 1113;

p.92: *(N. densistrata & stenogaster; -Pinn. 1834p.1111)*

+ gigas, Tolsta p. 423:

sepioides, (L. f. 9, 16)

" septentrionalis, Ch. Nav. 2p. 41. Atlas 6 f 37:

Oestrup 1897 p. 321:

Gamphonemacae - (Anomoeoneis exilis, v. gam.)



Gracillima, re. tm. no. 103: atlas 45 f 62; - (Pum. gracill. v. angusta.)

- (Pum. gracill. v. angusta - Cl. Nav. 2 p. 48: - (in polyctico: N. Baileyana.)  
" Gracillima, U.S. Atlas of 15. 16; - (in polyctico: N. Baileyana.)



906: Weisse I360p.359-3f31; I361p.360-4f2; Nylander, w.: Nepht.  
Asatag p.I92-2f46; Brugger p.237: Grun.I360p.526-2f27; Schum. u. T. p.  
39; I362p.52-5f42; R. u. S. p.11; Cl.I367p.663; I368p.664; I369p.665;  
K. & Z. p.13-If17: Gallik, Papen; Eiben, I371: Prollius p.62; O'M.I.O.p.  
406-34f4; Sm.S. p.1.277; Dannf. p.23; Atlantic City;  
Pet.N.136; I366 p.13; V. I. S. p.35-3f17; T. No. 94; Perag. p.53; Def. S.  
Spaner, Duren; Lake Michigan; Belle, Lichen; Wille 10f22, 23; Def. S.  
p.40; Herib. p.99: *Cl. Nav. 2p.17*  
(Bacillaria palea & Phoenicenteron: -Cymbella hopkirkii & hyalina; -  
Frust. avenacea, conspurans, multifasciata, oblonga & palea; -N. lan-  
ceolata; -Pinn.; -Pleurrosiphonia.)--  
v. laevis, K.-R.E.D. p.171: Brun. Al. p.65; Def. S. p.41: (Nav. l.)--  
v. schizom. Br. V. I. S. p.35-3f17; T. No. 94; Perag. p.53; Def. S. p.41;  
(Schizom. & Pinn. l.)--  
v. VanHeurckii, Herib. p.99:  
GRACILLIMA, Grun.-Grun. I369p.521: Prit. p.90; R. u. S. p.11; T. No. 94;  
I99: Arenig Bach: Schum. u. T. p.70-4f49; O'M.I.O. p.356-30f43; Brun.  
Al. p.73-7f38; Nylander, w.: Kinnor; Arcton: Pinn. p.66; Cl. I367p.  
33; Herib. p.37: (Pinn. g., Hilseana, linearis, tenuis.)--  
var., A.S., Atlas 45f 62, 63; V.H.S. pl. 3f24:  
v. linearis, Greg.-Rabh. E.D. p.200: (Pinn. l.)---  
v. subcapitata, Greg.-Rabh. E.D. p.200: (Pinn. s.)--  
v. tenuis, Greg.-Rabh. E.D. p.200: (Pinn. t.)--  
GRACILII, Grun.-Atlas 7f5, 6; 3f35-37; Petit Cat. p.24; P. Min. 136;  
Cl. Vega pp.405, 511; Def. S. p.94: (Diploneis.)--  
GRACILATA, E. -Rabh. Her. I369p.521: (Diploneis.)--  
GRACILATA, Def. S. p.94: I363p.17-3f11; Prit. p.90; Gallik. p.39; I364p.  
39; I365p.17-3f11; Carr. p.105; Herib. p.105; Cl. I367p.663; T.  
E.D. p.201; O'M.I.O. p.377-32f2; I368p.664; I369p.665; T.  
T. 273: Ganzl, I370p.3; V. I. S. p.35-3f17; Schum. u. T. p.70-4f49;  
Syll. p.127; Malaisia; Wille 10f14; Pant. 2p.43;  
var. "a" imbricata, Carr. p.105:  
var. "g" latissima, Carruth. p.105: (Nav. l.)--  
var. "a" humerosa, Carruthers p.105: (Nav. h.)--  
v. Javanica, Fortm.-Ann. Bot. Brit. I392p.17-2f2;  
GRANDIS, Grun. I332p.145:-(Diploneis elliptica, var.)---  
GRANUM, Schum. I367p.53-3f36:-(N. clavata, v. linearis.)---  
GRANUM-AVENAE, Schum. I367p.53-3f36; Def. S. p.139: (N. clavata.)--  
GRATA, Pant. 2p.43-1f21; Def. Syll. p.130: *Cl. Nav. 2p.68*  
GRACARIA, Dokk.-M. S. I361p.10-1f10; T. No. 94; Perag. p.53; Def. S. p.43; Herib. p.  
102; Cl. Nav. p.103:-(N. clavata, v. linearis, v. humerosa.)--  
v. Thirholmensis, Dannf.-Cl. Nav. p.109:-(N. T., & laevis of Pant.)--  
GREGORIANA, Grev.-M. S. I357p.10-3f7: (N. clavata & linearis.)--  
GREGORII, R.-Ralfs, Prit. p.901: Schum. M. S. p.70-2f22; *Atlas 46f 64-67*  
(N. clavata, v. linearis, v. humerosa.)--  
GREGORII, O'M.I.O. p.403-33f31; Def. S. p.72: (N. diadema, "g".)---  
GRAVILLI, Ag.-Heib. p.33; Cl. I367p.663; Vega p.473; Nav. p.152; Lagerst.  
I370p.14:-(Libellula, v. linearis, v. humerosa.)--

> Groovei, Cl. L. & D. vol. 2 p. 15-1 f 14: Nav. 2 p. 45:

+ Groovei, Cl. L. & D. vol. 2 p. 15-1 f 14: Nav. 2 p. 45:  
" Var. symmetrica, Cl. Nav. 2 p. 51:

> Guatemalensis, Cl. Gro. - L. & D. vol. 2 no. 19 p. 144-9 f 2:

+ Guttata, Cl. M. Subnos. 154, 155:

" Var. maxima, Cl. Nav. 2 p. 35:

" " Peragalli, Cl. Nav. 2 p. 35: - (Nav. Perag.)

Nationata

" Var. robusta, Cl. Nav. 2 p. 69: - (N. robusta, Pl.)

+ Haueri, Cl. Nav. 2 p. 18:

11111 11

GROENLANDICA, Cleve, N.L.W.O.p.7-1f13; Vega 1.455; wolle pl.11f17:

Del.Syll.p.13:

(Pinn. f.)-

GRUNDLERIANA, O'M.I.O.p.366-31f25; Del.S.p.113:

GRUNDLERII, Grun.-Cl.1330p.13; Atlas 45f10; Del.S.p.113; (Pinn. f.)-

C.1330p.323: Cl.Vega p.511; wolle 11f13,9; -(Albionensis-Diploneis.)--

GRUNOWII, Rabh.E.O.p.203; Atlas 70f73; Brin & T.p.73: Malaisie; O'M.

I.O.p.362-31f17; Castr.1337p.23-15f19:

(N.Fenzlii:----

N.spectabilis; -N. & Diploneis gymmata, var.s.)

GRUNDLERIANA, Grun.-Cl.1330p.13; Atlas 45f10; Del.S.p.113; (Pinn. f.)-

GUINAZZIANA, Brin & T.p.1.45-319; Del.S.p.113:

(Gill.)---

GURVII, Pant.3p2. -4f53; Cl.760p.111

GUTTULIFERA, Rabh.S.O.p.40-6f74; Prit.p.910; Del.S.p.191:

GUTVINSKI, Pant.3p2. -14f217; -(Pinn.vindob.)-

GUTTAIA, Grun.-Cl.1330p.37; Atlas 45f10; Del.S.p.64; Cl.Nav.2p.34; +

H.ALBUM, Cleve Nav. 4p.4f3,9: 2p.55:

HAHNII, Petit Cap Horn p.124-10f11; Notar.1333p.322; Del.S.p.156:

HALIONATA, Pant.1.25-11f94; Notar.1333p.471; Pant.2.1.10;

Del.S.p.13: Cl.Nav.2p.68:

v.auricula, Pant.2.1.10-11f11; Del.S.p.156: Cl.Nav.2p.68:

v.minor, Pant.2.1.10-26f331; Del.Syll.p.13: Cl.Nav.2p.69:

HALOPHILA, Grun.-Cl.1330p.13; Atlas 45f10; Del.S.p.113; (Pinn. f.)-

HALULIFERA, Grun.-Cl.1330p.13; Nav.1.104-31f10-13;

(Gill.)---

v.interrupta, Cleve Nav.p.154-3f19:

HANTKENII, Pant.2p.46-3f150; Del.S.p.74: (Gill.Chersonensis.)

HARADAAE, Pant.3p. -6f100; Cl.Nav.p.129:

HARPA, L.-Ach.131.134p.13; Del.S.p.113:

HARPLESSA, Cleve.-Sm.1.1.10-31f10-13;

Del.Syll.p.13:

(Pinnularia.)

HASIA, Pant.3p2. -5f74; 14f213; Cl.Nav.2p.25:

HAYNALDII, Pant.2p.47-24f331; Del.S.p.334: (Gill.splendida, v.)-

HAZII, with 1333p.17-119:

(Pinn. f.)---

HAUCHII, Cl., N.L.W.O.p.9-21f17; Cl. & Atlas 203; Del.Syll.p.113;

(Caloneis liber, v.genuina.)--

HAUCHII, Grun.-Cl.1330p.13; Atlas 45f10; Del.S.p.113; (Pinn. f.)-

HAZII, Pant.2p.47-11f119; Del.S.p.133; -(Gill.splendida, v.)-

HAUCHII, Rabb.1.1.10-31f10-13; Del.S.p.113; (Pinn. f.)---

O'M.I.O.p.364-31f11; M.T.P.3-2-10; Sm.Sp.1.231: Cl.1330p.3: 1331p.

35; Kinnord; V.H.Type 75; Del.S.p.156:

(N.obtusa.)--

v.bivittata, Rabh.E.O.p.139: Del.S.p.156;

v.lata, Rattr.-Jr.Roy.Soc.Eu.1333p.422-29f1a,b; Del.S.p.156;

HEBERTIA, w.S.-Cat.brit.museum p.20: Carr.p.100; Del.S.p.157:

HEERI, Pant.2p.47-11f119; 12f210; Del.S.p.71;

HEMIPTERA, K.B.p.99-30f11; K.S.A.p.73; Prit.p.903; Grun.1330p.519-2f

20: Nylander, w.: Schim.4.1.p.73; Cl.1330p.334; 1333p.223: O'M.I.O.p.

349-30f22; Lagr.1373p.21; Atlas 45f23, 27; M.T.P.3-2-5; Sm.Sp.1.232:

Kinnord; Petit & Leud.; liste p.21; Bellon, Lichon; Lake Michigan;

wolle 11f13,9; Pant.2.1.10-31f10-13; Del.S.p.113; (Pinn. f.)---

v.auricula, Pant.2.1.10-11f11; Del.S.p.156: Cl.Nav.2p.68:



*Neurodyi* - *Gen. et spec. - M. G. 1871*

- \* *v. ar. p.*, <sup>constricta *Reich.*</sup> *Sm. Cat. p. 24-4 f. 13: J.R.M.S. 1878 p. 245-14 f. 13:*
- " *v. maxima*, *Cl. Nav. 2p. 58:*
- " *v. constricta*, *Cl. Nav. 2p. 58:*
- " *v. scutellariae*, *Jan. - Cl. Nav. 2p. 58: J.R.M.S. 1878 p. 245-14 f. 13:*
- " *v. limba*, *Jan. - Cl. Nav. 2p. 58: J.R.M.S. 1878 p. 245-14 f. 13:*
- " *v. californica*, *Jan. - Cl. Nav. 2p. 58: J.R.M.S. 1878 p. 245-14 f. 13:*
- " *v. circumsecta*, *Jan. - Cl. Nav. 2p. 58: J.R.M.S. 1878 p. 245-14 f. 13:*
- " *v. nebulosa*, *Jan. - Cl. Nav. 2p. 58: J.R.M.S. 1878 p. 245-14 f. 13:*
- " *v. forma bacillifera*, *Cl. - Cl. Nav. 2p. 58: J.R.M.S. 1878 p. 245-14 f. 13:*
- ~~" *v. abnormis*, *Cl. Atlas 129 f. 14: J.R.M.S. 1878 p. 245-14 f. 13:*~~
- " *v. difficilis*, *Cl. - Cl. Nav. 2p. 59: J.R.M.S. 1878 p. 245-14 f. 13:*
- " *v. caliginosa*, *Jan. - Cl. Nav. 2p. 59: J.R.M.S. 1878 p. 245-14 f. 13:*
- " *v. constricta*, *Reich. - Cl. Nav. 2p. 59: J.R.M.S. 1878 p. 245-14 f. 13:*

7 *Hermannii*, *Reichert. - J.R.M.S. 1878 p. 144-9 f. 1:*



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- [illegible]

Helicoverpa

" constricta, Cl. Nov. 2p. 43:

" Fuchsii, Pt. - Cl. Nov. 2p. 43 - (+ laticincta,) -

- hungarica, Gn. -

" capitata, G. - Cl. Nov. (2) p. 16

hyalina, var. - Atlas 70 f 5:

inæqualis, E. ~~M~~^M Ber. 36 p. 53:

+ *inæqualis*, Gn. -

" *var. abbreviata*, Gn. - Cl. 1850 p. 39-2 f 43; - (St. Transitaris, v.)

- ICOSTAURON, E.-Gran., 1330p.519; O'M.I.C.p.350-35f27; Cl.1330p.27-11
 I4: 1331p.3; Del.S.p.110; (M.C.Pinn.VII 1013, v.; -1111p.1-1011p.1011)
 * v.conferta, A.S.Pinn.-1310p.101-212; -1310p.101-212
 IGNOBILIS, Pant.2p.43-23f337; Del.Syll.p.IVI:
 ILLINOIENSIS, E.-Mik.1353p.34; Del.S.p.139:
ILLUSIA, Pant.2p.43-23f337; Del.S.p.139:
IMPACTA, Cl., Vega p.133-33f31; Del.S.p.30; Cl. Nav. 2p.26
 IMPERIALIS, K.S.A.p.32; Prit.p.393; R.E.D.p.225; Del.S.p.30:-(Dill.)
 INFLATA, Cl.1310p.133-33f31; Del.S.p.30; Cl. Nav. 2p.26
 IMPRESSA, Gran.-Atlas 31f7, 13; wolle pl.14f23, 25; Del.S.p.134:
 Del.S.p.134: -Cl. Nav. 2p.26
 * v.semiconvoluta, Gran.1332p. ?:
 IMPRESSA, Lagr.1373p.33-2f10; 1330p.133-33f31; Atlas 31f7, 13; Cl. Nav. 2p.26
 (N.cancellata, ?)
 INAEQUALIS, Crouan, Algues Gaud.p.5; Del.S.p.1423;
 INAEQUALIS, L.-Int.p.131-13f13; Var.1.13(A)12; 1330p.133-33f31;
 I3; Prit.1352p.31f154; Neup.p.193-2f44:-(Cymbella & Pinn.abbreviata.)-
 INAEQUILATERA, Lagr.1373p.33-2f10; Del.S.p.134:-(Cymbella aequalis.)--
 INAEQUISTRIATA, Rattr.-Trans.Bot.Soc.Edinb.1333p.423-29f4;
 Del.S.p.134:
 INCERTA, Gran.-V.H.S.p.107-14f43; Del.S.p.135; Cl. Nav. 2p.26
 INCISA, O'M., I.C.p.404-33f33; Del.Syll.p.73;
 INCLUDENS, Pant.3p. -13f20f: (Maidm.)--
 INCOMPERTA, Lewis, W.M.D.p.13-2f20; wolle pl.25f2; Del.S.p.193;
 (Frust.i. & interposita.)----
 INCONSPICUA, Greg.D.C.p.3-1f3; Prit.p.395; Carr.p.103; R.E.D.p.133:
 Flögel, Baltic; Lagr.1373p.45; Del.S.p.170: (Stenoneis.)-
 INCUDIFORMIS, Cleve, Vega p.437-33f23, 30:
 (N.ineus, var.: -Rhoiconeis: Nav. transitans, v)
 INCURVA, Pant.3p. -13f20f:
 INCURVA, Adersw.-----Falcatella Aderswaluii):-----Greg., M.O.1353p.3-
 1f26; S.B.D.2p.103; Prit.pp.393, 902; Carr.p.105; Donk.B.C.p.33-312;
 R.E.D.p.225, 226; O'M.I.C.p.377-37f13; Del.S.p.133:
 * v.minor, Gutwinski Galicyi 1390p.22-1f13; Del.S.p.133:
 INCURVATA, Greg., T.N.S.1353p.44-5f13; Prit.p.393; Donk.B.C.p.49-7f4;
 Carr.p.105; A.Schm.N.D.p.28-1f10, II; 2f6; O'M.I.C.p.399-33f24; Petit
 Cat.p.23; Cl.Vega p.471:
 (N.interrupta, v.: -N.pellucida; -N.splendida, v.: -Cl. Nav. 2p.26)
 INCUS, Gran., Atlas 4f17; Villef.p.46; Malaisie; Del.Syll.p.13:
 (N.directa, var. Nav. abbreviata.)
 INDEX, Brun & T.p.44-5f7; Del.Syll.p.30; -(N. Balleana)
 INDICA, K., Ann. Bot. 1340p.333; Var.1.13; T.N.S.1353p.44-5f13; Prit.p.393;
 R.E.D.p.225; Del.S.p.133: (N.abbreviata.)--
 INDICA, Gray, T.N.S.1352p.93-91f3; Var.1.13; Cl.1373p.1:
 Vega p.505; Shark River; wolle 17f11: (N.Macraei.)--
 * var., A.S., Atlas 3f7:
 INELEGANS, Gro. & Start.-J. L.C.1337p.132-10f6; Notar.1337p.333;
 Del.S.p.36; Cl.Navic.p.135-5f13:
 INFLATA, Gran.1331p.133-33f31; Del.S.p.134; Cl. Nav. 2p.26;

inhalata,

var. lanceolata, Cl. Nov. 2 p. 57.

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INFLATA, K.B.p.99-3f36; K.S.A.p.8I--N.hungarica:-----R.S.D.p.4I-5f10;
S.B.D.2p.50-17f153; Mull; R.Alg.sub No.1235; Prit.p.399; Grun.1360p.
533-2f4I; Heib.p.32; Bleisch,1363; Donk.B.D.p.2I-3f9; New Zealand; R.
E.D.p.19I; Roper,Thames; Hull; O'M.I.D.p.4I3-34f23; Pet.liste p.20;
Sm.Sp.7.234; Lagr.1373p.42; Brun Alp p.76-7f15; Belloc,Luchon; Gallik
Pagan; Kinnora; Cl.1330p.27; 1391p.37-242; Navic.p.139; 1311p.11;
Marb.; Spamer,Duren; Perag.p.59; wolle pls.10f23; 19f29; Det.Syll.p.
149; T.B.C.1337p.70-66f5; (N.hungarica, n. p. 2)

(Diploneis crabro; -Frust.; -N.follis & humilis; -N.limosa, v.)-----

var. "b" striata, K.B.p.99-3f36(3); K.S.A.p.3I:

Schum.1369p.33-2f25

(N.crux.)

INFLATA, Grun.-Ralis,Prit.p.905; Donk.B.D.p.5I-3f2; Pet.Cat.p.22; Cl.
1330p.37; Vega p.470-36f33; Atlas 1360p.70; O'M.I.D.p.4II-34f13; T.
B.C.1337p.7I-33f10; Fortm.Cey.p.29; Shark River; wolle pl.10f25;
Det.Syll.p.49: Cl.Nav.2p.31; (Pinn.)---

v.Biharensis, Pant.2p.48-3f36; Det.S.p.50:

INFORME, Grun. 1382p. ?

INHALATA, A.S.,Atlas 2f50; Petit Cat.p.24; J.R.C.1385p.166:

Det.Syll.p.100: Cl.Nav.2p.57;

v.Biharensis, Pant.2p.48-3f139; Det.S.p.100: Cl.Nav.2p.57;

INNOMMATA, A.S.,Atlas 3f45; Malaisie;

INORNATA, Grun.-Cl.1380p.46-3f56; Vega p.474; Atlas 136f39;

Cl.Nav.p.133; Det.S.p.164:-(N.acus, Cl., 1380.3

INSIGNIS, Pant.2p.48-2If324; Det.S.p.65:

INSTABILIS, A.S.-Det.Syll.p.60: Cl.Nav.2p.57:-(Pinn.Nav.1381.)--

v.major, A.S.Atlas 43f36-37,39; Det.S.p.60;

v.minor, A.S.,Atlas 43f33,40; Det.S.p.60;

INTEGRA, W.S.-Ralis,Prit.p.395; Donk.B.D.p.40-3f3; Call.p.105; O'M.

I.D.p.356-30f43; Cl.1380p.33; Nav.p.14I; V.H.S.p.96-IIIf22; Det.S.p.

II3:-(Cymbella:-Pinn.i. & rostrata; -Stauroneis Janischii.)-

INTERCEDENS, A.S.,Atlas 160f3-5; (Caloneis musca.)----

INTERLINEATA, Grove & St.-J.R.C.1380p.323-1312; Nav.1387p.343;

Det.S.p.179; Atlas 204f1: Cl.Nav.2p.50:

INTERMEDIA, Lagr.1373p.23-If3; Pet.liste p.2I; Malaisie; Det.S.p.24;(Pinn.)

INTERPOSITA, Lewis,W.W.D.p.13-21I9; Sm.Sp.7.233; wolle pl.11f14;

Pant.2p.48; Det.S.p.193: (Frust.)-

INTERRUPTA, Bailey, (A.O.S.1342p.1.2f13; W.S.1.100-29f23; K.S.A.p.38;

Cole,Essex; Prit.p.394; Grun.1360p.53I-312Q; 1366p.13; Donk.p.196-3I

6I; Donk.B.D.p.47-7f2; Schum.H.7.1.74; Nylander,W.: R.E.7.1.205; O'M.

I.D.p.400-33f23; Lagr.1373p.23-2f6; 1374p.36; Atlas 12f3-3,10,11;

45f72; Kinnora; Malaisie; Cl.1380p.33; V.H.S.p.9-9f7; T.No.100; wolle

10f3I,50; Pant.2p.48; Det.S.p.69; T.26Tap 427

(Diploneis; -N.adya, bicapitata & monovata; -Pinn.1313.)---

vars., A.Schum.N.D.1.1.13-113; Atlas 12f3,9; 59f24; V.H.S.11.915;

v.bicapitata, .-wolle pl.10f32;

v.fossilis, Pant.2p.48-6f112; 12f203,215; Det.S.p.70:

v.microstauron, .-wolle pl.12f4:

v.Novae-Zeelandiae, A.S.,Atlas 12f12; Det.Syll.p.70;

+ irrorata,

formosa, *Patella* *Ab.*

+ irrorata,

" *v. ceylanica*, Cl. Nav. 2p. 56: Atlas

" *v. mexicana*, Cl. Nav. 2p. 56: Atlas 2f19:

" *v. subtauroneiformis*, Gr. - Cl. Nav. 2p. 56: - (N. app. 204, 205)

sinica, Cl. Nav. 2p. 36:

" *var. sinicaevoluta*, BN. - Cl. Nav. 2p. 36: - (N. app. 204)

" " *Schirostauron*, Cl. Nav. 2p. 37:

sinica, Gr. - In. MS. 186. 3p. 16-17-18:
R. E. 2p. 226: Oct. 1. p. 123:

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- v. Talyana, Grun. I382p. I50-30f59; Pant. 2p. 43; Det. Syll. p. 70;
 v. Zanzibarica, A.S., Atlas 1211, 1; Det. S. p. 70;
 INTERRUPTA, E.-Abh. Ber. I332p. 30: (Pinnularia.)--
 INVERSA, E.-M.H. J. I340p. 13; K.B. p. 102; V.H.S. p. 77: (Dorakia)
 IOTA, Cleve Navic. p. I54-5f22, 23;
 IRIDIS, E.-Amer. p. I30, pl. 4-I12; K.B. p. 98-23f42; V.H.S. p. 71; Det. S. p. 97;
 Schum. I382p. 133; E.M. J. p. 60-812; R.E.D. p. 171; V.H.S. p. 70-1.0.1.
 305-31f23; Atlas 4912; Lake Michigan; V.H.S. p. 103; T.M.C. I387p. 72-
 66f17; Wölle pl. I3f4; Herib. p. II3; Det. S. p. I53; -(N. firma; -Pinn.)----
 forma angustior, H. & Per.-Herib. p. II3:
 var., V.H.S. pls. I3f1; B'f32; Lake Michigan;
 v. affinis, O'M.I.D. p. 367-31f27; V.H.S. p. I04; Lake Michigan;
 Det. S. p. I55: (Nav. ampliata & aff.)----
 v. amphigomphus, E.-O'M.I.D. p. 367-31f27; Cl. I381p. 5; V.H.S. p. I04, 13f2:
 Lake Michigan; Det. S. p. I54: (Nav. amph.)----
 v. amphyrhynchus, E.-V.H.S. p. I04; Lake Michigan; Det. S. p. I54;
 (N. amph. & producta; -N. affinis, v.; -Pinn.)--
 v. dubia, E.-V.H.S. p. I04-B, f22; Det. S. p. I54: (N. dub.)--
 v. producta, .-V.H.S. p. I04; Lake Michigan: -(N. prod.)--
 v. undulata, .-V.H.S. p. I04; Det. S. p. I55: -(N. affinis, v. und.)--
 IRREGULARIS, Pant. 2p. 10-30f424; Det. S. p. 30; 672-4p. 17
 IRROGATA, Grev.-Trans. Bot. Soc. Edinb. I391p. 27-411; J.P.P.S. I380p. 178-
 7f1: -Prit. p. 397; R.E.D. p. 221; Wölle; Cl. I373p. 4; Malaisia; Atlas
 2f12, 22, 23; Wölle pl. I3f2, I7; Det. S. p. I00: ~~det. 2 p. 60~~
 v. elliptica, Cl. Nav. 7p. 56 - 2 pl. p. 4f13:
 v. fossilis, Pant. 2p. 49-8f147; Det. S. p. I00: - ~~det. 2 p. 60~~
 ISOCEPHALA, E.-Amer. p. I35; K.B. p. I01; O'M.I.D. p. 351-30f31; Amazon;
 Wölle pl. 23f6; (Pinn.)---
 ISOSTAURON, .-Nylander, w.: (mex & v. 6 p.)
 ITALICA, Rabh.-Schum. I364p. 21; Det. Syll. p. 90: (Pinn.)
 JAMAICENSIS, Grev.-T.M.S. I363p. I26-I2f23; Malaisia: (Dictyonis.)--
 JAMALINENSIS, Cl. I380pp. I3, 33-2f40; Vega p. 470; Det. S. p. II3: +
 JAMISCHIANA, Rabh.-Jal. & R. p. 10-2115; R.E.D. p. 220; V.H.S. p. 103;
 JAMISCHII, Castr. I387p. 29-3013; (Dictyonis p. 17, v. 38.)
 JAVANICA, Grun. I363p. 13, 130-I113: (Thalassia.)--
 JAVANICA, A.S., Atlas 6f32; Malaisia;
 JEJUNA, A.S., Atlas 46f76; Castr. I337p. 33-2f11; Det. S. p. 101;
 var., Castr. I387p. 33-23f11: - (N. jejuna)
 JELINECKIANA, Grun. I363p. 13, 13; Det. S. p. 101: -(N. jejuna; -N. 31f11)
 JELINECKII, Grun. I363p. I51-I4f12; R.E.D. p. 227: -(N. Jelineckiana.)-
 JENNERI, S.B. J. p. 49-13f134; Grevillea Vol. 1p. 41-21f13, 0; Mill:
 Roper, Thames; (N. tumida; -Scolioplena J. & tumida.)---
 JENTZSCHII, Grun. I382p. 133-30f164; Cl. I391p. 66; Det. S. p. 91; 672-4p. 17
 JIMBOI, Pant. 3p. 7. -5f81; Cl. Nav. p. I56:
 JOHNSON, w.S. - O'M.I.D. p. 373-31f46;
 Sp. Sp. T. 236; A.J.M. I373p. I36; V.H.S. p. 99-B, f23; Brun & T. p. 72; ~~det. 2 p. 60~~
 Wölle pl. 23f13; Malaisia:
 (N. Wischeri & scopulorum; -Pinn.; -Trachyneis.)----

Kariana,

- + v. f. p. d. Gn. - Cl. Man. sp. 28! - (= var. minor) Oestr. 1897 p. 321;
+ " v. detersa, Oestr. 1897 p. 321;

+ litigiosa, Hb. & Hamberg

> laciniata, Ham. - Oestr. 1897 p. 320. (Schizoneura 2.)

- " var. *Belgica*, H.V.H.S.p.99-"B" f29: -(N. scopulorum, v. Belg.)--
 JORDANI, E.-Mik.p.47; Del.Syll.p.191: (Pinn.)---
 JUGATA, Cl., N.L.K.O.p.13-3f33; Del.S.p.101: (Pseud-Amphipora.)-
 JULIENI, Per. & Herib.p.199-3f3,9; (Fust.interposita, v.)---
 JURGENSI, K.B.p.93-3f3; K.S.A.p.72; R.S.D.p.33-3f79; Prit.p.905;
 R.E.D.p.173; Del.S.p.169:
 KALFVENSIS, Grin.-Cl.Navic.p.141;
 KAMORTHENSIS, Grin. I363p.152-14f13; I363pp.19,101; R.E.D.p.127;
 Del.S.p.133; *Atlas 6f8,8#*; (N. humerosa, v.)---
 KANIZII, Pant. 3p. 7, -3f41: (Caloneis.)--
 KAPPA, Cl.Nav.p.134-5f21:
 KARIANA, Grin.-Cl. I330p.39-2144; Vega p.469; Grin. I334p.51;
 Del.S.p.130; *cl. Nav. 2p. 28*:
 " forma curta, Cl.Vega p.470-37f40; -(N. gelida)
 " var. "a" genuina, Cl.Vega p.469;
 " var. "b" detersea, Grin. I334p.51-1f23,24; Vega p.469-35f33; *cl. Nav. 2p. 28*:
 " var. "g" minor, Cl.Vega p.469; I330p.5: -(=v. frigida.)
 KEFVINGENSIS, E.-Abh.Ber. I340p.20; K.B.p.97; K.S.A.p.73; Prit.p.905;
 Cl. I363p.225; Atlas 47f61,62; (N. peregrina, v.)
 KELLERI, Pant. 2p. 49-25f21; Del.S.p.159; (Pinn.)
 KESSEII, Grin. I334p.71-1f37; Del.Syll.p.103;
 KERGUELENSIS, Ralfs, Prit.p.909; Del.S.p.191; (Pinn.)--
 KERGUELENSIS, Grin. I337p.55-25f15; (N. peregrina, v.)
 KINKERI, Pant. 2p. 49-9f169; -(N. pennata, v.)
 KINKERIANA, Pant. 3p. 7, -42f571: (Caloneis.)---
 KIRCHENPAUERI, Jan.-Del.S.p.153; (N. marina, v. & R.)
 KITTONIANA, *Nav. 2*, Atlas 2f10; M.O. I375p.201; Fortm.Cey.p.20; -(N. peregrina, v.)
 KJELLMANNII, Cl.Nav.p.111; (Pleurosigma; -N. Vegas.)--
 " v. subconstricta, Grin.-Cl.Nav.p.111; (N. Vegas, v.)---
 KOCHII, K.S.A.p.34; Prit.p.395; R.E.D.p.223; Del.S.p.121; -(Pinn.)---
 KOCHII, Pant. 2p. 49-4f72; Del.Syll.p.35;
 KOSSUTHII, Pant. Ip. 23-14f120; 25f230; 2, p.49; -(Dietyoneis marg.)-
 KOTSCHYI, Grin. I337p.233-21f12; R.E.D.p.193; Del.S.p.121;
 Gallia, Papan; (N. Kotschyana.)
 KOTSCHYANA, Grin., Cl. I330p.41; I331p.9; R.E.D.p.193; V.H.S.pl.10f22;
 Del.S.p.129; Cl.Nav.p.130; (N. Kotschyana.)--
 KROKII, Grin. I332p.133-30f43; Del.S.p.127;
 KRYOKONITES, Cl.Vega p.473-37f44; Nav.p.109; Del.S.p.137;
 " v. semiperfecta, Cl.Vega p.473-33f45; Nav.p.109; Del.S.p.137;
 " v. subconstricta, Cl.Vega p.473-33f45; Nav.p.109; Del.S.p.137;
 KRYOPHILA, Cl.Vega p.473-37f43; (Caloneis; -N. subpolaris.)
 KURZII, Grin., Cl. I373p.3-2f12;
 (Alloioneis; -Scolioptera; -Trachyneis aspera, v.)-
 KUTZINGIANA, H.L.Sm.Spl. No.237; A.Q.M. MOLL p.13-10f3; A.Q.M. I373p.
 133; Acuw. I379p.29; Del.S.p.63; -(A'piora.arenaria; -N. arenicola, p.p.)
 KUTZINGII, Grin. I330p.532-1f15; Atlas I3f22-24; wolle pl.10f43;
 Pant. Ip. 29-29f22; Diploneis; ----- (N. bombus---proserpineae, v.)---
 LACINIOSA, A.S. Atlas 12f54; Del.Syll.p.35; (Diploneis.)-

lacustris, Cl. 1895 p. 12; Nov. 2 p. 44:

+ lanceolata, Cl. Nov 2 p. 21; ~~Frangula~~ ~~var. lanceolata~~

" var. tenella, A.S. - Cl. Nov 2 p. 22 - (var. tenella, A.S.)

" var. cymbula, Cl. Nov 2 p. 22:

" var. latior, Donk. - Cl. Nov 2 p. 22 - (var. latior, Donk.)

" var. hordeiformis, Pa. 1. - Cl. Nov 2 p. 22 - (var. hordeiformis, Pa. 1.)

" var. ..., (Cl. Nov 2 p. 44) f. 49:

- LACRIMANS, A.S. Atlas 12f59-3I: Form. Cey. p.29: Cl. 1373p.3; Vega 44-495, 505, 511: wolle pls. 12f23; 15f1; Del. Syll. p.70: *P. 57, 67*
(*Diploneis gemmatula*, var. l.)-----
" v. fossilis, Pant. 2p. 47-2f13; Del. S. p. 71: -(*Dip. gemm.*, v. laci.)---
LACUNARUM, Gran.-V.H.S. pl. 12f3I; Cl. 133Ip.9; wolle pl. 10f39; Lake Michigan; Del. S. p. 135; -(*Caloneis fasciata*; -*Stadioneis bacillum*.)
LACUSTRIS, Gies.-M.S. 1356p.6-1f23; S.B.C. 2, p. 103; Pitt. p. 903; Carr. p. 106; R.E.D. p. 200; Schm. N.D. p. 48-1f29; O'M.I.C. p. 330-32a1f; Atlas 3f30; Cl. 139Ip. 34-2f14; (N. carassius; -*Stadioneis Scandinavica*, *p. 7*)
" var. "b", Kinnora; -
LADOGENSIS, Cleve 139Ip. 35-2f13; (Caloneis.)-
LAEVIS, E.-Mik. p. 90; Del. S. p. 191; (N. gracilis.)--
LAEVIS, Pant. 2p. 50-25f336; -(N. laeviuscula; -N. gregaria v. Tharholm.)---
LAEVISSIMA, K.B. p. 96-2f14; K.S.A. p. 77; M.S. 1354p. 100-11f32; S.B.C. 2, p. 91; Pitt. p. 395; Gran. 1350p. 349-2f5; Schm. 1352p. 131; Carr. p. 103; Donk. B.D. p. 23-5f2; New Zealand; Hull; R.E.D. p. 133; Amazon; O'M.I.C. p. 373-3f154; Nylander, w.: Brun Alp. p. 63-7f32; Cl. 1330p. 45-2f52; V. 1. S. p. 13113; Del. S. p. 134; 1216p. 111;
(*Diploneis gemmatula* v. *Granowii*; -*O. Smithii*; -*N. bacilliformis*, granum, minutissima, perpusilla & pseudo-bacillum.)-
" forma elongata, Del. & Per. -Merib. p. 114; ---
" v. rectangularis, K.-Rabh. E.D. p. 133; (N. & *Stadioneis* l.)-
" v. trinodis, Brun Alp. p. 63; (Achnanthidium & Nav. l.)-
LAGERHEIMII, Cleve Nav. p. 131: *Ed. 2, No. 17p. 01-7f11:*
LAGERSTEDTII, O'M.I.C. p. 415-34f27; Del. S. p. 54;
LAMBDA, Cleve Nav. p. 133-5f19; -
LAMPROCAMPA, E., ~~Mon.~~ Ber. 1340p. 20; K.B. p. 102-4f5; K.S.A. p. 33; Nepal p. 194-2f53; (Gyrosigma; -Pleurosigma.)
LAMELLATA, ~~E.~~, *Chr.*, 11f. p. 137-13f21; *Chr.* -11f29; *Chr.* 194-13f34; 60f43; K.S.A. p. 74; Cole, Essex; R.S.C. p. 39-3f77; S.B.C. 1, p. 45-3f272; Pitt. p. 904; weisse 1330p. 359-3f35; Gran. 1330p. 527-2f23; New Zealand; R.E.D. 3, p. 171, 175; Hull; Schm. 1.1. p. 109; 1351p. 33; 1352p. 132-3f33; O'M.I.C. p. 403; Dippell 137Ip. 5; Amazon; ~~Atlas 1.47f19~~; Sm. Sp. 1. No. 233; C. & M. 131; Hoffmann, Marburg; Petit liste p. 20; Pollins p. 31; Stama, Duren; Del. Syll. p. 57; Brun Alp. p. 65-7f14; V. 1. S. p. 33-3f13; 1.93; Gallia, Papan; Belloc, Luchon; Cl. 1330p. 35; 139Ip. 31; Vega p. 491; Lagr. 1334p. 52, 154; *Chr.* 1.75; *Chr.* 1.1003; 1.1003; 1.1003; 1.1003;
(*Collettonema*; -*Cymbella*; -*Chr.*; -*N. arenaria*, v.; -*N. cryptocephala*, v.; -*N. appendiculata*, Ehrenbergii, gracilis, gregaria, oxysphaenia & phyllepta; -*Pinnul. gracilis*; -*Schiz.* (& *Vandurekia*) *viridula*.)---
" forma curta, Rabh. E.D. p. 175; V. 1. S. p. 33-8f17; (forma minuta.)
" " minuta, Rabh. E.D. p. 175; Del. S. p. 53; (N. *Smyrtonia*.)
" var. arenaria, Donk.-V. 1. S. p. 33-8f18; Del. S. p. 53; *R.H.T. 97*; (N. *arenaria*.)--
" v. cymbella, Donk.-Cl. 139Ip. 31; *Chr.* 1.1003; 1.1003; 1.1003; 1.1003; (N. *cymbella*.)--
" v. phyllepta, K.-V.H.S. p. 33-8f18; Del. Syll. p. 53; *Cl. Nav. 2p. 22*; (Nav. l.)--
LANCETULA, Schm. 1337p. 55-2f34; V. 1. S. p. 1.3f11;
(*N. cryptocephala*, var., & *exilis*, of K.)-
LATA, Breb.-K.B. p. 92-3f51; K.S.A. p. 79; Pitt. p. 903; Gran. 1350p. 313; ----

+ latissima,

" v. ~~e~~ Congata, Pt. - Cl. Nav. 2p. 44: (N. humerosa, v. el.)

+ Chrysomelidae, 6. — Cl. Trav. 2p. 24-1f 67:

Chrysomelidae, 6. — Cl. Trav. 2p. 24-1f 67:

LEPTOSTIGMA, E.

P.906; Woll. pl.24f14; Det.S.p.145;

K.S.A.p.70; Prit.

(Prit.)--

LEPTOSTIGMA, Grun.-V.H.S.p.12f29; Det.S.p.135; 1

LEPTOSTIGMA, E.-Mik.p.13(A)142; Prit.p.901; R.E.D.p.225; Det.S.p.135; 1

LEPTOTERMIA, E.-Abh.Ber.1844p.340; Det.Syll.p.191;

LETOURNEUREI, Part.21.49-24f358; Det.S.p.135; 1

LEUDUGERI, Cl.Vega p.505-33f22; Det.S.p.135; 1

LEVENSI, Caruthers p.106; Det.S.p.193;

LEWISIANA, Grev.-T.M.S.1863p.115-1f7; Lewis,N.&R.S.p.3-2f3; Monil.

R.E.D.p.135; Atlas 50f13-13; Petit Cat.p.21; 1

LIBELLUS, Grev.-D.C.p.57-3f101; Prit.p.904; R.E.D.p.172; Brn. & T.

p.72; Hull; Cl.Nav.p.153; *Oestrup 1897p.317*;

(N.rhombica; -Libellus, Nav., & Schizonema Grevillei.)-

LIBER, S.B.D.II.48-13f133; Brb.D.C.p. : Prit.p.907; Brb.Vern.p.1

-f14; Grn.1860p.547; 1863p.154; Carr.p.103; Hull; Donk.B.D.p.32-9

Calis, R.E.D.p.135; 1863p.154; 1863p.154; 1863p.154; 1863p.154;

484,497; Schm.N.D.p. -2f45; Atlas 50f13-13; Petit Cat.p.21; 1

Calis, R.E.D.p.135-31f23; 1863p.154; 1863p.154-12f13; 1863p.154;

137; Perag.p.59; Woll. pl.25f5, II: Villef.p.46; Det.S.p.157;

(Caloneis; -N.excentrica & maxima.)

" var."b"-Roper in M.O.1853p.25-3f10;

(N.affinis.)

" v.bicuneata, Cl.1873p.17;

(Caloneis l., var.bic.)---

" v.elongata, Grn.-Cl.Vega p.491;

" v.excentrica, Peragallo p.59;

(Caloneis l., var.: -N.exc.)----

" v.maxima, Brb.Vern.p.10; Cl.1873p.17; 1863p.154; (Nav.m.)--

" v.major, Rabh.E.D.p.130;

(N.maxima.)----

" v.linearis, Grn.-V.H.S.p.105-12f35; Villef.p.46; Det.Syll.p.143;

(Nav.lin.: -Caloneis liber, v.)----

LIRILIS, E.-Im.p.103-13f22; Prit.1872p.1319; Mik.pl.13-2f11;

14f38; (Cymatopleura & Sirella solea; -N.binois, platula &

quinquecostata.)---

LIRILIS, Grn., 1860, p.547-11f13; 1863p.154; 1863p.154; 1863p.154;

V.H.S.p.102-11f3; Det.Syll.p.143;

(Caloneis amphibaena, vars.l. & formosa; -N.formosa, var.)---

LIBYCA, E., ~~Mik.~~ Ber.1840p.20; Mik.p.19; K.B.p.74; K.S.A.p.74;

Prit.p.906; R.E.D.p.225; Det.S.p.135;

(Pleurostoma.)---

LICURARAE, E.-Detoni, Syll.p.190;

(Pinnularia.)--

LIMBATA, E.-Amer.p.130pl.I(2)f16; K.B.p.96-28f50; K.S.A.p.77; R.S.D.

p.40-3f75; Prit.p.902; R.E.D.p.224; Det.S.p.134;

LIMICOLA, Cl.-Med.No.13, p.14-1f12; *Rev.(2)p.9*;

LIMITANA, A.S.Atlas 11f23; Det.S.p.73; -(Diploneis crabo, var.l.)

" var., A.S.Atlas 69f12; Det.Syll.p.73;

(Nav.l.)--

LIMOSA, K.B.p.101-3f50; K.S.A.p.34; R.S.D.p.41-6f31c; Prit.p.394; M.

J.1860p.191-13f7; Grn.1860p.544-3f36; 1863p.154; R.E.D.p.133;

Hull; Donk.B.D.p.173-12f6; Cl.1863p.227; 1863p.154; Nylarua, w.: Schm.

1860p.36; Roper, 1871; 1863p.154-3f36; 1863p.154-3f36; 1863p.154-3f36;

1863p.154-3f36; 1863p.154-3f36; 1863p.154-3f36; 1863p.154-3f36;

1863p.154-3f36; 1863p.154-3f36; 1863p.154-3f36; 1863p.154-3f36;

1863p.154-3f36; 1863p.154-3f36; 1863p.154-3f36; 1863p.154-3f36;

Cinosa,

" var. "8" bicuneata, pum. - y. -

Malaisie; Del.Syll.p.I47; Herib.p.III:

(*Caloneis* (& Nav.) *silicula* & vars.; -*Neidium*: -*N. leptogonyla*,
tumida & *ventricosa*.)-

forma minuta, Cl.I39Ip.37:

for. 191, 191 & 191. - 191. p. III:

var. *microneata*, Grun.I360p.545-3f7; R.E.D.p.I39: Schm.I369p.36:

Petit liste p.I9: J.L.S.p.245; (S. 50)

v. *curta*, Grun.-V.H.S.pl.I2f23; Herib.p.II2: -(*Caloneis* s., var.)

v. *gibberula*, Grun.I360p.544-3f3a; Schm.I369p.36; R.E.D.p.I39: O'M.

I.D.p.366; Petit liste p.I9: Brun Alp p.73-7fII: Cl.I33Ip.5: Delogne:

V.H.S.p.I05-I2fI9; Lake Mich.; Perag.p.59; Bellec, Luchon: Wollé pl.

22fI3; Herib.p.II2; (*Caloneis silicula*, v. *gib.*; -*N. gib.*)--

v. *inflata*, Grun.I360p.545-3f3c, IO; Schm.I369p.36; R.E.D.p.I39:

Petit liste p.I9; Bellec, Luchon: Perag.p.59:

(*Caloneis silic.*, var. *i.*; -*Nav. infl.*)---

v. *subinflata*, Grun.-V.H.S.pl.I2f22; Lake Michigan; Wollé pl.

22fII: Herib.p.II2; -(*Caloneis silic.*, v. *infl.*)

v. *truncata*, Grun.I360p.545-3f3d, e, 9: O'M.I.D.p.366-3f3I;

Schm.I369p.36: (Nav. tr.)-

v. *undulata*, Grun.-V.H.S.pl.I2f22; Lake Michigan; Wollé pl.22fI2;

Herib.p.II2: (*Cal. silic.*, var.)---

v. *ventricosa*, Donk.-Cl.Vega p.49I; I39Ip.37;

LIMPIDA, Perty, Klein.Leb.p.204-I7f9: Prit.p.902; R.E.D.p.I97:

Del.S.p.I39:

LINEARIS, Greg.-Prit.p.902; Atlas 45f73; Grun.I360p.546-I2; R.E.D.

p.280: Petit & Lema.; Cat.p.2I: O'M.I.D.p.37I-3f39; Fortm.Cey.p.39;

Reinhard; Atlas 50f34; Wollé pl.I9f6; Malaisie: *Del. 277/6p. 68.*

(*Caloneis* (& Nav.) *liber*, var. *lin.*; -*N. maxima*, v.)----

LINEATA, Donk.-I.M.S.I353p.32-3fI7: Donk.B.D.p.3-I2; Breb.Verm.p.I0:

Carr.p.I07: Schm.N.D.p.87-I2f6: Atlas 7f44; O'M.I.D.p.364-3f22;

Lagr.I376p.39; Villef.p.50; Part.2, p.50: -(*Diploneis*; -*N. quadrifasciata*

var., A.S.Atlas 69f3I; Schm.N.D.p.87-I2f7:

LINEOLA, E., Abh.Ber.I343p.I04; Mik.p.39: Grun.I334p.52-I2f45, 46;

Del.Syll.p.I59; Cl.Nav.p.I07:

v. *perlucida*, Grun.-Cl.Nav.p.I07: -(Nav.p.)

LINEOLATA, E.-Inf.p.I55-I2f6; -*Nav. lineolata*: ---*Arct. lineolata*; -*Arct.*

4-I2; A.S.S.I37I2; Mik.p.39-3fI7; 7-I2f3; 10-I2f3; 12-I2f3;

I7-2fI7; 23-I0f2; 29-3f3; R.E.D.p.33-3f33: (*Caloneis* s.)-

Herib.p.III: -(*Frustulia* & *VanH. Saxonica*, var. *i.*)--

LINTER, Witt.-J.M.G.I373, No.I, p.3, fII:

LIRATA--(LYRATA)---

LITTORALIS, Donk.-B.D.p.3-I2; Breb.Verm.p.I0: S.S. 91, 92, 93, 94; Atlas

7fI2; 3f25: Cl.Nares; I373p.4; Vega p.472; V.H.S.p.92-3, I23; Villef.

p.50; Wollé pl.I0fI2: (*Diploneis*; -*N. ovulum*)---

var. *s.* A.Schm.N.D.p.87-I2f24, 25; Atlas 3f23, 24; Wollé pl.I0fI2:

LOBATA, Gro. & St.-J.Q.C.I337p.I33-I0fI2: Notul.I337p.356;

(*N. spatulifera*.)----

LOBATA, Schwartz.-Rabh.Alt.Eur.No.243I cum icone; Cl.I373p.7-I2f3

M.S.I373p.5IO-44f3; Del.S.p.I5I: (*Caloneis*.)

Canoga.

forma Balsica, Gn. - atlas 47: Petal., Cap. 11

" " Camperchiana, Gn. - atlas 47 f 9: Petal., Cap. 11

+ Lyra, G. ~ Cl. var. 2 p. 63: - Petal., Cap. 11
Jan. G. 15 f 5-9, 12, 13:

LUCAYII, Mart. p. 70-8111; Det. Syll. p. 133: (Pinnularia) ---
LUNCA, Griseb. - M.S. 1353. 3-1127; S. A. C. p. 102; Prit. p. 910: Cl. Nav.
47f6; Petit Nimrod. Cat. p. 26: Cl. 1373. 3: Lewis N. & R. S. p. 67:
Lagr. 1373. 33; Fortm. Cey. p. 29: Villif. p. 45; Wollf. 12f23, 24; Det. S. p.
17: Herib. p. 87: (Pinnularia) ---
var., A.S. Atlas 47f10: Villef. p. 45;
LONGICEPS, Griseb. - M.S. 1353. 3-1127; S. A. C. p. 102; Prit. p. 910: Cl. Nav.
p. 105; R.E.D. p. 200: Det. S. p. 30: (Neidium affine, v. long.) ---
LORENZIANA, Griseb. 1360. 547-If3; R.E.D. p. 202; Det. Syll. p. 153:
(Cistula) ----
LUCIDA, O'M.I.D. p. 379-32f3: Pant. 21. -13f264: Det. Syll. p. 131;
Cl. Nav. p. 107: (Includes N. inculta) ----
LUCICULA, Griseb. - V.T.S. p. 12 -14f20: (Cistula) ---
LUCULENTA, A.S. Atlas 43f12; Det. S. p. 59;
LUDLOVIANA, A.S. Atlas 43f13; Det. Syll. p. 13: (Cistula) ---
LUMEN, Perag. Villef. p. 45-2f19; Notar. 1339. 356; Det. S. p. 14;
(Nav. regula, v.) ---- Pinn. rect. :-
LUNATA, K.B. p. 104-4f1(4); K.S.A. p. 35: Prit. p. 910: (Falcatella) --
LUNDSTROMII, Cl. 1330. 13, 33-2f39; Vase p. 170: Det. S. p. 124:
Cl. Nav. p. 140:
v. Friesiana, Griseb. - Cl. Nav. p. 140-5f13: (Cymbella sp.) --
LUNYACKSEVII, Mart. p. 23-11f12; Notar. 1333. 17; Det. S. p. 100; (H. praeterita, var.)
LUXURIOSA, Griseb. - T.M.S. 1352. 13-If10; Griseb. 1353. 100: R.E.D. p. 227:
Det. S. p. 142; Cl. Nav. p. 74:
v. cuneata, Griseb. 1391. 33-13f13: (Cistula) ---
LYRA, E.-Amer. p. 131, pl. I-If9a; K.B. p. 94-23f55; K.S.A. p. 74; R.E.D. p.
40-5f15; S. A. C. p. 98; Griseb. B.C. p. 13-11f13; Griseb. 1353. 13: Prit. p.
397; Griseb. 1350. 532-3f22, 23; 1353. 13; Det. S. p. 12-37; Griseb. 1353.
1a, 12b; 1310. 1. 3; Det. S. p. 11-2f7; Griseb. 1353. 107: R.E.D. p. 177: Hull:
Cl. 1357. 355; 1353. 225; 1373. 13; 1373. 4: Vase p. 172, 173; Reinhard:
H. pl. 3f35; Lewis N. & R. S. p. 71: B.O.N. 1. 1353. 3I cum icones: Reinhard;
A. Schm. N.D. p. 89-If32; Atlas 2f24, 25; 13, 32; 3f11, 12; 129f11-14; Pet.
Cat. p. 24; Sm. Sp. p. 192; J.M. 1373. 52-11f1; Griseb. 1353. 100;
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- MEGALODON, Rafs, Prit.p.910; Del.S.p.190; (Pinn.)---
- MEGALOPTERA, E.-Herib.p.38-4f5; (*Pinn. lata* --- & *Pinn. ma*)
- MEGASTAURUS, Cl., Vega p.454-3f19; Del.S.p.29; *cl. n. 2p. 68*
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- MESOLEIA, Cl., N.L.K.D.p.10-2f25; Cl. & V.190; Del.S.p.12;
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- v.nivalis, E.-Del.Syll.p.32; (b. nivalis.)
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- v.nodulosa, Grun. 1330p.520; (Nav.n., var. termes.)-
- v.producta, Grun. 1330f.520-2f222; Del.S.p.32; (*cl. n. 24/33=33*)
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- * *v. atomoides*, *Grün.* -*Cl. Nav.* p. 123: (Nav. ac.) --
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- * *v. bahisiensis*, *Grün.* -V. 1. S. pl. 14f12: (Nav. v.) --
- * *v. Istriana*, *Grün.* -V. 1. S. pl. 14f14: (N. Bahisiensis, *vac.*)
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- * *v. Abyssinica*, *Grün.* -*Part. Flora* 30f39p. 112-111; *Botan.* 1333p. 104;
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 * v. *Cohnii*, Hilse. -Cl. 1330p. 41; Navic. p. 129; V. 1. S. p. 10f17:
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 * v. *legumen*, Cl. Nav. p. 130;
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 * v. *stauroneis*, Hilse. 1310: Cl. 1330p. 41: (Var. Goeppertiana) ---
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 * v. *trilobata*, Hilse. -Cl. 1330p. 41; Nav. p. 130; V. 1. S. p. 96-10f20:
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" *V. Kinkeri*, Pt.-Cl. Nav. 2p. 33: - (A. Kink.: Seot. op. Szakalensis.)

" *V. maxima*, Cl. Nav. 2p. 33-1f. 36:

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" var. *Kefuingsensis*, E.- Cl. Nav. 2p. 18: - (Pinn. ~~navis~~)

" *v. Calcuttensis*, Grun.- Cl. Nav. 2p. 18-2f. 2:

+ " *v. polaris*, Cl. Nav. p. 18(2): - (Nav. pol.)

+ " *v. meniscus*, Cl. Nav. 2p. 18: - (Nav. men.; + *Sambiensis* &
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+ " *v. menisculus*, Cl. Nav. 2p. 18: - (Nav. *gastrom*, v. *Upzelensis*; *Ap. pressa*.)

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" var. *L. lauranti*, H.- Cl. Nav. p. 86: - (Pinn. ~~navis~~)

- PELLUCULOSA, Milne I362p.68; Rabh. Alp. Eur. No. I265; Gran. I360p.513;
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" var. *arborescens*, W. Nav. 2 p. 55.

" *pt. - Cl. 2 p. 56* - { var. *Jun.* -
{ var. *pratensis* of Miller }

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v. *Carpentariae*, Grunler.-Atlas 363I; North.Cey.p.32: -(N.pract.)--
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7 " *V. asymmetria*, Lagr. 1853 p. 29-2 f 7: - (*N. amphibola*.)

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" *V. cluthensis*, Gneg. - Cl. Nav. 2 p. 47: - (*Var. cluth.*, *V. minor*, *V. maculifera*.
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" *V. finmarchica*, Gn. - Cl. Nav. 2 p. 47: - (*Var. cluth.* v. *Fin.*)
" *V. novae-zelandiae*, Gn. - Cl. Nav. 2 p. 47: - (*N. cluth.* v. *Nov. Z.*)
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+ " *var. Jamalinensis*, Cl. Nav. 2 p. 41: -

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" v. subtracta, Cl. Nav. 2 p. 17: - (Pinn. tenuis.)

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" lunata caspia, Gn. - Cl. Nav. 2 p. 26: - (Schiz.

" " amplia, Gn. - Cl. Nav. 2 p. 26: - (Sch.

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 QUADRISERIATA, Cl. & Gr. - M. T. P. 3-3-12-3132; Villef. p. 33; Det. Syll. p. 175; (Caloneis; - N. simplex.) ---
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 " v. dilatata, Petit Cat. p. 21-5f24; J. R. M. S. 1373p. 241-15f24; - (marked in J. R. M. S.)
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 REGULA, Gr. & Cl. - Cl. 1330p. 5-1f3; J. V. 1373. 509-44f3; (N. rectangularata, var., & lumen.) Pinn. recta. ---
 REICHARDTII, Gr. m. - Atlas 70f23-29; V. I. S. p. 1. 10f9; Cl. 1330p. 32; Villef. p. 50-4f33; *Cl. Nav. 2 p. 85: Cl. M. sub. #208, 209, 210*
 + REINHARDTII, Gr. m. - M. T. P. 3-3-13; Sm. Sp. 1. No. 312; Cl. & M. No. 25; A. J. M. 1371. 151; Cl. 1330. 32; 1391. 31; V. I. S. p. 33-7f19; T. No. 74; Lake Michigan; Wolle 20f17; Det. Syll. p. 32; 1310. 1. 102: *Cl. Nav. 2 p. 172*
 (N. varians & vernalis; - Stauroneis r. & truncata.) ---

> restituta, A.S. - Cl. 4m. #102: - (A. fraudulenta.)
+ reticuloradiata, Cl. Nav. 2p. 55:
7 retinenda, A.S. - Atlas 312 f 17:

- retusa, vide et compare Rim. ambigua: H.S. is distinct

+ Rhaphoneis, E. - Cl. Nav. 2p. 36 - 1 f 30: - (A. Pacifica)

Rhombea, { Amer. p. 131, 3 - 7 f 27: K. S. A. p. 73:

Cham. B. 1. p. 68-69; 1894. 20; 93bk. B. 1. p. 53-54; Carl. p. 105; Mill:--

Colutsoniana, Grev.-
" var., A.S., Atlas 2 f 11:

nostellata, Atlas 47 f 27:

Kotzeana, Kuhn.
" forma minor, Jn. V.H.S. pl. 14 f 19:-

Gran. 1330p.529; Dippel 1370p.5; Oth. I. O. I. 413-5413; Atlas 47f23, 24, 31, 32;
 Camf. 1.25; Brin Alp 1.30-7f19; M.M.O. 1375p.3-10417; Sm. Sp. 1. No. 314;
 M. T. P. 3-2-14; V. I. S. 1. 34-7121; T. I. S. 1. 11121; T. I. S. 1. 11121; T. I. S. 1. 11121;
 9f34; 10f21; Perag. p.30; Delogne; Gallik, Pagan; Hoffmann, Marb.: 521.
 Syll. p.44; Spamer, Duren; Herib. p.101: *Cl. Kar. (2) p.15: Damm. p.25*
 (N. cryptocephala, airrhynchus & Gottlandica.)----

v. *excoertrica*, Grun.-V. I. S. pl. I4f20; Cl. Nav. p. I23:

+ Salicarium, Cl. Nov. 2p. 19: - (t. carassius.)
7 " v. intermedia, Jn. - Cl. Nov. 2p. 19: - (N. cryptoc. v. int.)

7 Santa-cruz, Br. - Le L. 2, n° 22p. 141-22 f. 17:

Scandinavica, Læg. - Cl. Nov. 2p. 48: - (Stauroneis.)

- Schling, Læg.

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* v.oblongella, Grun.-V.4.S.pl.14f2f; Harib.p.12f; Cl.Nav.p.11f

(Nav.obl.)----

ROTUNDATA, Hantzsch, in V.4.S.-(test: Grun.)-

(N.p.p.kaza,v.)-

ROTUNDA, E.-Det.Syll.p.137:

(Pinn.)

ROVIGNENSIS, Grun.-Cl.2.M.No.205; Det.Syll.p.137: Cl. Nav. 2 p. 35

RUDIS, Cl.2.M.No.205; Det.Syll.p.137: Cl. Nav. 2 p. 35

RUPESTRIS, Harib.-Atlas 45f23-24; Wille: 12f19

RUPESTRIS, O'M.I.D.p.347-30f17; Kinnora; Det.Syll.p.36; Harib.p.34:

SABAE, E.-Det.Syll.p.133:

(Pinn.)---

SALINARUM, Grun.-Eiben,1871; Cl.2.M.No.107; Sm.Sp.T.No.315; Cl.1330p.

33-2134; V.4.S.p.455; V.4.S.p.32-319; T.95; Cl.1331p.32; Det.Syll.p.137

SALVA, A.S.Atlas 45f23; Wille pl.12f9; Cl. Nav. 2 p. 35

SAMBIENSIS, Schum.1357p.53-2f37; Det.Syll.p.33: Cl. Nav. 2 p. 35

SANDENSIS, Grun.-Atlas 50f13, 14; 70f11; Det.Syll.p.33; Cl.1331p.32

497; Det.Syll.p.147: Cl. Nav. 2 p. 35

(Cl.1331p.32)---

SANDRIANA, Grun.1353p.153-154; 70f11; 30f11; Det.Syll.p.33; Cl.1331p.32

70f11; 30f11; Det.Syll.p.33; Cl.1331p.32; Part.21.53; Det.Syll.p.105; Cl. Nav. 2 p. 35

Part.21.53; Det.Syll.p.105; Cl. Nav. 2 p. 35

* var., Perap.Vill.1.1.47;

* var. laevis, Cl. Nav. 2 p. 35

* v.fossilis, Part.21.53; Det.Syll.p.105;

SANSEGANA, Grun.-Atlas 3f27; O'M.I.D.p.395-33f11; Det.Syll.p.93;

(Dictyonis advena,v.)--

* SATURA, A.S.Atlas 45f27: Cl. Nav. 2 p. 35

SATURNI, Grun.2.-Ann.Sci.Nat.Cr.16.1862, 132MO.505; Rabh.C.18.1.1.

47; V.4.S.p.170; Sm.Sp.T.No.315; V.4.S.p.11132; L.45f19; Det.

Syll.p.170; Delogne; Wille 12f19;

(N.2.1.11132)---

* var., V.4.S.pl.14f16b:-(N.minima & S.)

SAVANNA, E.-12.1.335; Det.Syll.p.100:

SAXONICA, Rabh.-Laf.1.1373p.32:

(Tristitia.)---

SCALARIFER, Brin 139Ip.33-15f1; Cl. Nav. 2 p. 35

(Allionensis.)---

SCALARIS, O'M.I.D.p.351-30f39:

(Stenonensis.)---

SCALPELUM, E.-K.S.A.p.35: -(N.scalpum; Pl.1331p.32; 1331p.32)---

SCALPUM, Grun.1353p.11132; Det.Syll.p.137: Cl. Nav. 2 p. 35

Ann.1.1.3-1f16; Wille.12f19; 30f11; 30f11; K.S.A.p.10; 30f11;

4125; K.S.A.p.35; Wille.12f19; 30f11; 30f11; Wille.12f19; 30f11;

Cl.1331p.32; 1331p.32; N.2.1.11132; Pl.1331p.32; 1331p.32;

SCANDINAVIAE, E.-12.1.331.1373p.133; Det.Syll.p.137:

SCARSCHMIDTII, Pantoc.1p.28-14f11; 21.35; Wille.12f19; 30f11;

Det.Syll.p.100: Cl. Nav. 2 p. 35

SCIMIZII, Brin 139Ip.33-15f1:

* SCIMIZII, Grun.-Atlas 70f13; Det.Syll.p.100: Cl. Nav. 2 p. 35

SCIMIZIANA, Grun.-Atlas 45f19, 20; Wille 12f19, 21; Det.Syll.p.113;

(Trachyneis aspera,v.)--

SCIMIZII, O'M.I.D.p.395-13f17;

(N.E.1.11132)---

SCIMIZII, A.Schm.N.D.p.92-3f7, 3; Geow.Vol.15, p.III: Laf.1.1373p.45;

Det.Syll.p.131; Cl.Nav.p.105:

SCIMIZII, Grun.1373p.13-11; Det.Syll.p.137:

Det.Syll.p.134;

(Scalpellum.)

+ Schultzei, N. -

" V. californica, Cl. Nav. 2p. 45-1f26:

" V. monilifera, Cl. Nav. 2p. 45:

+ Schwarzii, var. - Atlas 44f3:

Scorpioides, Cl. Nav. 2p. 41:

Scripta, E. alb. Ber. 1840 p. 18:

Scutellaria, v. moerens, fr. 1882 p. 30 of 65: Cl. Nav. 2p. 40:

Scutellaria, atlas 212 f 16:

" V. Boryana, atlas 212 f 18:

Seductilis,

" var., Per. Vill. p. 49-2f20: - (N. foripata, v. versicolor.) -

SCHOMBURGKII, K.S.A.p.71; Prit.1.905: R.E.D.p.225;

Det.Syll.p.133:

(Pinn.)---

SCHOMBURGKII, E.-Atlas 1311.73; K.S.A.p.71; R.E.D.p.225;

R.E.D.p.905; R.E.D.p.225:

SCHULTZII, Kalm.-T.B.D.Vol.13.177-8012; Wille 1217; Det.Syll.p.133:

> (N.confederata) - *Cl. Nav. 2 p.43*:

SCHUMANNIANA, Grun.-V.d.S.p.99-11f12; Cl.1391.33; Det.Syll.p.133:

Wille 22f14;

(Caloneis; -N.trochus.)---

SCHUMANNIANA, Grun.-Atlas 11f4-5; Det.Syll.p.133; (N. Schumanniana, Grun.)

SCINTILLANS, A.S.Atlas 70151; 150133, 37; Grun. & V.d.S. 15-313; Wille

15f22; Det.S.p.94; *Cl. Nav. 2 p.40*:

(Caloneis.)----

SCITA, W.S., A.M.F. 1.15571.3-214; Prit.1.903; New Zealand: Prit.1.903.

D.p.133; Bellec, Luchon: Parag.p.59; Det.Syll.p.147;

(Neidium bisulcatum.)---

SCOLIOPHORA, A.S.Atlas 45153; Wille 12127; -(Scotia; Pinn. 12128.)---

SCOPULORUM, Grun.-K.S.A.p.31; R.S.D.p.41-5f7; Prit.1.303; Grun.1557,

p.547-116; Grun. & D.p.73-1215; Cl.Vega p.404; Nav.1.111; J.D.C.1557,

p.19; Det.Syll.p.135: *vestrum 1877 p.316*:

(Clonopsis Fraenkelianae & Lorenzii; -N. scotula; -N. & Pinn. 15571.3-214-
Stictodesmis Australis.)

■ v. Belgica, Det.Syll.p.135; Cl.Nav.1.152; - (N. Johnsoni, var. Belg.)---

■ v. fasciculata, Grun.-Cl. & M.173 sub; Det.S.p.135; Cl.Nav.1.152;

■ v. perlonga, Grun.1391.39-15f22, b; Cl.Nav.1.152; -(N. fasciculata.)

SCOTICA, A.S.Atlas 4317-II: Sp. Sp. T. No. 33; Cl. & M. No. 300; Det.

Syll.p.113;

(Trachyneis clepsydra, v.)

SCULPTA, E. Mik. pls. 10-1f5a, b; 10-2f3; 33A, f13; Rab. Alg. No. 1131b;

Prit. p.900; Atlas 49f46-48; Sm. Sp. T. 317; M. T. P. 3-3-10; Gannf. p.29;

V.H.S.p.100-12f1; T.123; Fresenius p.33-4f14-16; Wille 9f44, 45; Part.

2, p.538; (Anomoeoneis; -Frisvillia; -N. Schumanniana, 15571.3-214, v.15571.3-214.)

SCUTELLOIDES, W.S., A.M.F. 1.15571.1-1115; S.D.C. 21.91; Prit.1.900; R.

E.D.1.155; Grun.1550p.533-3f15a, b; Grun.1551.27-2112; Grun.1.100;

Atlas 3f34; J.D.C.1.331-32f13; Gannf. p.29; Sp. Sp. T. No. 313; Grun.

Michigan; Kinnora; M.T.P.3-3-7; Ströse, Kl. p.9-1f11; Cl.1551.33;

Det.Syll.p.133; *Cl. Nav. 2 p.40*:

■ forma minor, Heribaud p.107:

■ v. minutissima, Cl.1331.12-16f10; 1391p.33; *Nav. 2 p.40*:

SCUTELLUM, O'M.I.C.p.393-53f14; V.H.S.pl.9f11; -(N. Smithii, v.: -Pinn.)--

SCUTIFORMIS, Grun.-Atlas 70f52; Det.Syll.p.127; (N. Schumanniana, 15571.3-214, v.15571.3-214.)

SCUTUM, Schum.1552p.133-9f15; A.T.1.73-3141; Schum. & V.d.S. 77-2140; R.

E.D.p.133; Lagr.1373p.23; V.H.S.p.93-11f14; Det.Syll.p.123; Cl.

Nav.1.133:

(N. Schumanniana, p.1., & 15571.3-214.)

SCYTHICA, Part.211. -28f33; -(N. Schumanniana, 15571.3-214, v.15571.3-214.)

SEGERNEDA, A.S.Atlas 43113; Det.S.p.33; (N. Schumanniana, 15571.3-214, v.15571.3-214.)

SECTILIS, A.S.Atlas 5012; Det.S.p.173; Part.21.33;

(Caloneis.)

■ v. Boyana, Part.21.53-31132; Det.S.p.173; -(Caloneis Powellii, var.1.)

SEDUCTILIS, A.S.Atlas 2f35, 36; Fortm. Cey. p.33;

(N. Lyra, v.)----

SEJUNCTA, A.Selm. N.O.1.17-1f13; Atlas 7134; 79-53, 55; Det.Syll.p.94:

Wille 11.10f24; *Cl. Nav. 2 p.40*:

(N. Schumanniana, 15571.3-214, v.15571.3-214.)

■ v. Balajickiana, Part.21.53-4119; Det.Syll.p.94; *Cl. Nav. 2 p.40*:

Germani Max. pl. 38-2052: 39-1537:
29-3 f 88, 89:

> semidecora, Brun. - Sed. 2. N°. 22 p. 241-22 f 16:

+ semicruciatu, (Nav. vintis, v. sem.) - Petel, Cap Horn:

seminulum Cl. 1895 p. 13

> semota, A.S. - Atlas 211 f 40, 41:

+ Septentrionalis, Oestr. Mar. D. pl. 8 f 97: Petel, Cap Horn:

- SEMEN, E.-Amer. pls. I-2f17a; 4-2f3; Mik. pls. I-3f11: I3-Iff11: I3-3f23:
I7-2f3; 34-7f10: 33A-I7f2; Abh. Ber. I370 pl. 2-If36; I371 pls. I(a)f2a3:
I(f)f4: Nova. p. -2f35; V. G. 1.92-23f12; V. G. 2.1.33; A. S. S. I311, f43,
49; R. S. D. p. 33-5f2; S. B. D. Ip. 50-I3f14I; Mull: weisse I35Ip. 273-If7;
Prit. p. 900: Herib. p. 32; Donk. B. C. p. 21-35; Carr. p. 103: R. S. D. p. 103;
Hull: Schum. H. T. p. 63; Nylander, W.: O'M. I. D. p. 413-34f22; Sm. Sp. T. No.
319; Atlas 72f1: 365; C. T.: Ebert, Cassel; V. L. T. 80.93: Minn. I331.
47-If34; Wollé 20f2I; Cl. I39Ip. 36; Nav. p. I33; Del. Syll. p. 4f; *cl. 175p. 10*
(Amphipora navicularis; -N. pusilla, v.: -Pinn.: *Geocoris alexandria* app.)
"var. "b", E.-Prit. p. 900: R. E. D. p. I94; (Pinn. S. 311.)--
- +SEMIRODIA, A. S. Atlas Iff15; Vinnora; Del. S. p. 32: *Mar. p. 103*
- SEMINOIDS, Cl. & Grove. -Cl. Nav. p. I39; *S. D. 2, No. 176. 102-7f12:*
- SEMINULUM, Grun. I350p. 531-2f1; S. Grun. I352. I32-3f41; O'M. I. D. p. 413-
+ 34f37; Lagr. I373p. 33-2f9; Gallia, P. 10; Amazon: Cl. I33Ip. 7: Vega p. 49I;
49I; Nav. p. I23: V. H. S. p. I07-I4f3b, 9a; T. No. I43; Bellec, Lichon: Parac.
p. 59; Del. S. p. I35: Herib. p. I19: -(Amphora atomis; -N. Sangeri.)---
"var. ", V. L. S. pl. I4f96:
"v. fragilarisoides, Grun. -V. H. S. pl. I4f10; Herib. p. I19: Cl. Nav. p. I23;
- SEMIPLANA, Donk. B. C. p. 26-4f5; Lagr. I373p. 35; O'M. I. D. p. 331; Cl.
Vega p. 465; Del. S. p. I19: -(*Apalpalis, var. s.* - (N. angulosa, "p": -Pinn.)---
- SEMIPECTA, A. Schrn. N. D. p. -If11: Cl. Nav. p. I34;
- SEMPRONIA, Perty. -Klein. Ieb. p. 204-I7f3; Prit. p. 903: Bruggen p. 237:
(N. lanceolata, v. minuta.)
- SENEGALENSIS, E.-Mik. p. 2I2; Del. Syll. p. I90:
- SEPARABILIS, A. S. Atlas Iff3, 5-7, I0, I1: Cl. Vega p. 503: Malaisie; *Reu.*
Wollé I9f27; Del. S. p. 35: (Diploneis erabro, v. parana.)-
- SEPLENARIA, L. W. B. -B. O. N. 4. I36Ip. 354-If3; Del. S. p. I90:
- +SEPTENTRIONALIS, Cl., Vega p. 47I; Atlas 3f7; Del. S. p. I23; *cl. 175p. 103*
- SERANS, Biss. -K. S. 1.92-30f23; V. G. A. p. 70: R. S. D. p. 33-3f11; V. G. 1.1.
23f43; R. A. 1. E. No. 634; R. O. Ex. No. 50: 182-21; Will: S. S. D. I. 41-4f5
I03; Prit. p. 904; Grun. I350p. 539-3f13; R. L. G. p. I72; Alton, 1800; V. L.
M. H. I365p. I61-4f1-I0: Carr. p. I07: Nylander, W.: Lew. W. M. D. p. 3; Eub. 1.
4. pl. 3f35; Donk. B. C. p. 4I; 3f10: Ell. Sp. T. No. 33: S. B. I337p. I37, I133;
Cl. I333p. 223; I33Ip. 5: M. T. P. 3-4-2; Bran Alp. p. 65-7f2; Q. S. V. S. I372,
p. 36: Pet. liste p. 20; O'M. I. D. p. 375-3f50; Sm. Sp. T. No. 320; Vinnora;
V. H. S. p. I01-I2f7; T. No. I25 sub; Lake Mich.: Pet. I333: Wollé I0f15:
Del. Syll. p. I13; Herib. p. I09: -(*Gracilina*; -N. lanceolata, v., & parana.)
"var. "a" apiculata, Lewis, W. M. D. p. 3-2f5a; Wollé 25f4:
"var. "b" cruciformis, Wollé pl. 25f5:
"v. amphiporaoides, Grun. -Cl. I33Ip. 3:
"v. brachysira, Cl. I33Ip. 5: V. H. S. p. I01-3, f3I; T. Nos. I26, I27;
Del. Syll. p. I4I: (N. agonina, br., & ordinata.)-
"v. exilis, Cl. I33Ip. 5:
"v. filia, Grun. -Cl. I33Ip. -I2f9; V. L. T. 80.90 210; Del. S. p. I41;
Herib. p. I09: -(*Anomoneis brachysira*)
"v. minor, Grun. -V. H. S. pl. I2f3; Sm. Sp. T. No. 32I; Vinnora;
Del. S. p. I4I; Herib. p. I09: -(*Anom. brachysira*)
"v. Peragalli, Bran & Herib. -Herib. p. I09:
"v. thermalis, Grun. -V. L. S. pl. I2f10; Del. Syll. p. I4I; -(*Anom. exilis* var. *ther.*)

- > S. linearis, Gn. - Cl. Nov. 2p. 28: - (Rhoicaneis Bollana, v.)
 " var. asymmetrica, Cl. Nov. 2p. 28: - (Rhoic. Bollana)
 " var. mediterranea, Cl. Nov. 2p. 28: - (

S. linearis, Gn. - Cl. Nov. 2p. 28: - (Rhoicaneis Bollana, v.)

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- SERIOSA, Partoc. 3p. 2. -32f434; *Cl. nar. 2p. 66:*
 SERRATULA, Gran.-Atlas 7f42, 43; Cl. Vega p. 511: wolle 14f5; Moenle;
 Det. Syll. p. 94: (Diploneis nitescens, var. s.)--
 SETACEA, K.- *Gum. in Cl. 1+71 = (Schizoneura.)--*
 " v. polycladus, Gran.-Cl. 1391p. 32; Schiz. p. & setacea, v.)---
 SEVERINI, Nicotini. -N. 111 1341. 252; Det. Syll. p. 100;
 SICULA, E. *Cl. 1391. 32*
 SIBERIALIS, Brun.-Atlas 174f3; (Diploneis crasso, v. pandura.)-
 SILBODDII, Partoc. 3p. -20f270; (Trachydis schizoneura, v. nar.)
 SIGMA, E.-Abh. Ber. 1334p. 259; Inf. p. 131-22f15; Amer. p. Fls. 2-4f5; 2-
 6f25; 3-4f4; Williamson p. 20-11f20; A. U. S. 1342p. 1. 2f24; Prit. 1352p. 1.
 3f143; Min. p. 13. 14f11; 15f31; 17-11f15; Nord. p. -2f29; Coll. 1348;
 Bailey 50. p. 14, f52; wolle pl. 21f12, 11: (N. triangularis, E.: -6. 14f12, 11-
 us; -N., Frust., & Pleurosia acuminatum: -Gyrosig. Hassalli:-
 Nitzschia sigmoides.)--- *Ernik p 35;*
 SIGMA, Brun 1391p. 39-13f5a, b; *Cl. nar. 2p. 34:*
 SIGMOTELA, E.-Abh. Ber. 1330. 113: Det. Syll. 1332p. 30; Inf. p. 131-13f11;
 (Cymbella, Nitzschia & Syneura s.: -Pleurosia acuminatum:-
 Frustulia & Sigmarella nitzschii.)
 SIGNATA, (E.)-Ralfs, Prit. 1. 900: R. E. S. p. 224: Det. S. p. 190: (Pinn.)---
 SILESIACA, Heisch. -A. L. Sm. Sp. T. No. 331: (P. 13413a, v.)-
 SILICULA, E.-Krida. 1331. 133; Amer. p. 131; Min. p. 13. 1-31f13a: 2-11f13;
 15; 4-11f10; 4-3f6; 5-2f17; 5-3f21; 5-11f13; 5-21f11; 9-11f11; 10-21f12;
 13-11f13; 13-2f17; 11f22; 15(A) 137a, b; 15(B) 111: 21f27; 35-11f13; 35-31
 14; 35A-31f13; 35A-2a, 17: 37-11f13; 39-21f13a: Nord. p. -2f32; V. 3. 1.
 101: V. S. A. p. 34; R. S. S. p. 41; R. S. S. p. 205; 209; D. T.: V. S. S. p. 12f14;
 Par. p. 3f1; Cl. 1391p. 33;
 (Caloneis; Enotia gibba & flexiosa; -N. gibba & limosa.)----
 " var. "b", Rach. E. S. p. 205: -(Caloneis.)--
 SILLIMANORUM, E.-K. B. p. 100: K. S. A. p. 32; Prit. p. 933; Lew. w. M. S. p. 11-
 213; W. & C. 11. 3-212; wolle 11f1; 20f12; Det. S. p. 135; *Cl. 1391. 32*
 SIDA, E.-Abh. Ber. 1345. 333; Min. p. 13. 34-7f19; K. S. A. p. 37: -(Pinn.)---
 SIMBIRSKIANA, Part. 2p. 53-12f215; Det. Syll. p. 33; *-(N. Yaremia, var.)--*
 SIMILAEVULUS, Brun 1391p. 39-13f13; *-(N. Yaremia, var.)--*
 SIMULANS, Doka. H. S. p. 30-9f13; O'M. I. S. p. 373-31f17; Sm. Sp. T. No. 337;
 wolle pl. 23f4; (Stauroneis & Amphipora constricta.)
 SINENSIS, E.-Abh. Ber. 1347. 435; Min. p. 13. 31-7f11; -(Pinn.)--- *Det. 1347*
 SINGULARIS, A. S. Atlas 43 *19, 20, 21*; 1341. 13; Det. S. p. 50;
 SINUATA, Schum. A. T. p. 77-41f20; Det. Syll. p. 113;
 SINUOSA, E.-Abh. B. 1340p. 21; K. B. p. 103; K. S. A. p. 37: (Pinn.)---
 SIROKIANA, E.-DeToni, Syll. p. 133: (Pinn.)---
 SLESVICENSIS, Gran.-M. T. P. 3-2-16; Eiben, 1371; Sm. Sp. T. 323; Cl. 1331p.
 5: V. H. S. pl. 7f23, 29; T. No. 39: Gerib. p. 101;
 (Nav. dicephala; -N. viridula, v.)----
 SMITHII, Brun.-S. S. p. 11. 92; Rach. E. S. p. 11; V. 1. 10; Prit. p. 313; Cl.
 1331. 220; 1357p. 335; Nares; V. 1. 472, 505, 511; Gran. 1330p. 311;
 1334p. 13; 1334p. 4: 1316p. 31; Doka. H. S. p. 3-114; Jan. 61p. 17; Prit. p.
 103; Lew. N. & R. S. p. 71; Hall: Reinhard; R. E. S. p. 173; Eiben, 1371; O'M.
 I. S. p. 332-31f13; Petit Nares; Det. p. 13; Det. p. 13; Det. p. 13;
 4

Ammonia Dampf. p. 30:

var. A. Schum. Z. p. 87-1719: (1871) 7-14-18, 20

+ Solaris, Cl. Nav. 2p. 32:

Spectabilis - v. marginata, Cl. Nav. 2p. 60: - (h. excavata, p. p.)

" var. angelorum, Cl. Nav. 2p. 60: - (h. excavata, var. osnaldi, Jan.; excavata, v.)

" v. hungarica, Pt. - Cl. Nav. 2p. 61: - (h. osnaldi, Pt.) -

" var. excavata, Sv. - Cl. Nav. 2p. 61: - (h. excavata, Sv. - osnaldi, Jan.) -

+ Spec. Tabulis, Cl. Nav. 2p. 60: - (h. Tabulis, p. p.)

" var. unguis, Cl. Nav. 2p. 60: -

" var. samaritanensis, Pt. - Atlas 204

" " bulbata, Cl. Nav. 2p. 60: - (h. bulbata, v. alutacea)

" " bulbata, Cl. Nav. 2p. 60: - (h. bulbata, v. alutacea)

" " madagascarensis, Cl. Nav. 2p. 60: -

" " controversa, A.S. - Cl. Nav. 2p. 60: - (h. Herm. v. con.) -

" " abbreviata, Cl. Nav. 2p. 60: -

" " Rauten, Pt. - Cl. Nav. 2p. 60: - (h. Rat.)

Sphaerophora,

" forma minor, H.V.H. 3. p. 7. 123: - (Anom. Sphaer. v. leiceps)

" v. subcapitata, Grun. 1882 p. 157: - (" " ")

Atlas 7f19; Deby Polder p.19; V. u. S. p.91-9f12; "B" f23; T. No. 104;
 Tianan 1335p.45-2f35, 36; Brun & T. p.79; Villot p.11; Wollf p.18, 19, 10;
 14f12; 20f3; Parag. p.59; Pant. 21.54; Det. S. p.36; Herib. p.104;
 (Diploneis s. & major & S., var. subrectangularis; -N. diadema; -N.
 elliptica & williamsoni.)----

- > var. "b" fusca, Greg. D. C. pp. 14, 39-1f15; Hall:
- (Dipl. fusca, v. Gregorii; -N. fusca & hyperborea.)--
- var. "g" nitescens, Greg. D. C. pp. 13, 39-1f16; J. R. C. 1336p.322; Hall:
- (Diploneis & N. nitescens.)--
- var. "d" suborbicularis, Greg. D. C. pp. 13, 39-1f17:
- (Dipl. & Nav. sub.; -N. forcipata.)--
- v. borealis, Grun. 1334p.4-1f40, 41; Det. Syll. p.37: (Dipl. b.)-
- v. laevis, Dannf. p.30-2f15:
- v. minor, Petit Cat. p.25-3f14; J. R. M. S. 1373p.245-14f14; Pant. 21.54:
- Det. S. p.37: *Petit, Cap Horn*
- v. rhombica, O'M. I. D. p.334:
- v. scutellum, H. V. u. S. p.91; Det. S. p.36: (Nav. l.)--
- v. subrotunda, O'M. I. D. p.333:

SODERLUNDII, Cl. & M. No. 154; Det. Syll. p.193;

SODIROI, Schaarschmidt 1331p.21; Geaw. 1332p.93; Det. S. p.10:-(Pinn.)---

+ SOLARIS, Greg., T. M. S. 1356p.45-5f10; Prit. p.904; R. E. D. p.131; O'M. I. D. p.410-34f13; Atlas 45f13; Wollf 1713; Det. S. p.53; Malaisia:

SOLIDA, Cl. 1330p.13, 30-1f24; Vega p.455; Det. Syll. p.30; ~~Det. S. p.30~~

SPATHIFERA, Grove & Sturt. -Atlas 174f23; Bot. Cent. 1333No. 15, 1.37;

Det. S. p.71: (Pinn. lobata: - (N. lobata.)----

SPATHULA, Brun 139Ip.40-15f10: (Caloneis)

SPARSIPUNCTATA, Gro. & St. -J. Q. C. 1336p.323-13f1; Notar. 1337p.343;

Det. S. p.129; *Cl. Nav. 2p.50:*

SPECTABILIS, Greg. D. C. pp. 9, 63-1f10; Prit. p.393; Donk. B. D. p.12-2f5;
 Carr. p.107; Greg. Verm. p.10; Grun. 1335p.333-1f11; R. E. D. p.173; Cl. 1335,
 p.226; Vega p.472; O'M. I. D. p.390; Lagr. 1376p.40; Atlas 3f20, 21; ~~29f~~
 Fortm. Cey. p.34; Brun & T. p.73; Parag. p.59; Wollf 13f3; Det. S. p.93: +
 (Diploneis (& Nav.) pinnata, v. spec.: -N. Gmelinii: ~~Det. S. p.93~~

var., A. S. Atlas 2f29, 31: 3. f. 2. 9:

v. suborbicularis, O'M. I. D. p.391-32f33; Cl. Vega p.511:

SPECTABILISSIMA, Greg. -T. M. S. 1336p.34-9f19; Fortm. Cey. p.35:-(Vicotia?)

SPENCERII, Dickett M. p.19; A. S. S. 1350p.238; J. Q. C. S. 1354p.33;

(Pleurosigma S.)---

SPHAEROPHORA, E. -Amer. pl. 3-4f3; K. B. p.95-4f17; K. S. A. p.75; K. Alp. 34;

R. S. D. p.40-3f35; R. E. D. p.191; S. B. D. p.52-1f143; Prit. p.399; Grun.

1330p.540-2f34; Donk. B. D. p.34-7f12; Det. S. p.75.35; Hall: Cl. 1336p.

227; 1331p.9; Carr. p.104; Eichen, 1371; Nylander, s.: Prallus p.38;

O'M. I. D. p.330-3f11; Macdonald pg. 10f24b; Atlas 49f49-51; Sm. Sp. 1.

324; Brun Alp. p.37-7f16; Socotra; Petit liste p.19; M. T. P. 3-3-13;

Dannf. p.29; V. H. S. p.101-12f2, 3; T. No. 124; Bellec, Luchon; Parag. p.30;

Belogne; Hoff. Marburg; Spamer, Duren: Det. S. p.140:

(Anomoeoneis; -N. biceps, p.1.: -N. cuspidata, v. ambigua.)--

> SPHAEROPTERA, E. -Mia. p.370; Det. Syll. p.139:

SPICULA, Hickie. -Cl. Nav. p.110: (Stauroneis hyalina & s.)

SPINA, J. J. Woodward. -Photo, from U. S. Army Museum:

> Spicula, Cl. Trav. 2 p. 31: - (Compare V. directa & pennata.)
> " V. asymmetrica, Cl. Trav. 2 p. 31:

> Stercus-muscarum, Cl. Trav. 2 p. 55-1 f 27:

Streptorrhoe, A.S. Atlas 42 f 7: - (Pinn.) -

(N. geminata ?)

SELENOICA, GIEG.-T.M.S. 1353, 44-5014; PRUG. 99; CHIL. 105; SILE. 1.

I3I6I-34; #31 th. Cey. I. 34; D^H. I. O. L. 4 A - 35A B; Wang Pict., . PG.; 31 m.

S.p.80; Malaisie: *Vatcas* 12. f. 21, 27. (N. GILGON.) --

v. diplosticta, Grun.-Atlas 69f22;

(N. inc.) ---

(N. 131211.11.)

(Allotment is.) --

STAURONEIFORMIS, A.S. Atlas 43f2I; Malaisie:

* Lead.: Amazon: O'M.I.T. 300-30123; ~~ATLANTA 44-30-41~~ V.I.' 1.77-31

7: Malaisie; Grun.1334p.45-If13; Det.S.p.25:

var. *a. gracilis*, Griseb. 1800, 513-2113; Pet. & Grev. 1. 14-114;

var. 'g' parva, Grun. 1360p. 516-2f19; Schum. 4.1. p. 73-4f52;

STILLIGER, E.-K. S. A. p. 70: Brit. L. 90I: Det. S. p. 145: (Puff.)

(Pinn.)

(Scaltrons.)

STOKESIANA, O'M. I. B. 1. 337-32 (34; M. 5. 1374. 313; 1375. 23F:

DeT. Syll. p. 173:

TOMATOPHORA, Grun.-Atlas 44f27-29; V.H.Type No.2I2 sub; Winnora;

Cl. 138 Ip. 4; Del. S. p. 31; Herib. p. 95:

STRANGULATA, Grev. - T.M.S. 1336p. 126-12124; Fortm. Cey. p. 34;

(*Dietyoneis marginata*.)--

(Pinn.)---

STRIATULA, E. Inf. f. 137-2115; Ark. f. 19-2119; 12127;

(Noville; -S...-)

1. THOMAE, Cl. I373p.6-1f4; J.M. I373l.5IO-44f4; Del. S. p. 35; *Cl. Thomae p. 35*

10A3ERGII, Cl. 13594.15, 23-1115; V₂ = 1.455; G₁m. 13541.51;
2.5.6. III

Del. S. p. III: (Lim. quadrivalva.)

Vol. 2, pp. 1366-1369, 1961. Vol. 1, pp. 1364-1365; Vol. 2, pp. 1366-1369.

V. 19, 6096a1151, 1152; V. 2, 1.435; 621.5.1.171;
V. 9, 1060F131-132; 621.5.1.171; V. 2, 1.435; 621.5.1.171;

STYLIFORMIS. \bar{L} = 1.5; \bar{W} = 0.8; \bar{H} = 0.4; $\bar{L}:\bar{W}:\bar{H}$ = 1.5:0.8:0.4.

STYLUS, L. = *Abh. Bot. 1842*, 357: Mik. 1. 184 = *Bot. 1842*, 357.

Car. p. 106; R. E. D. p. 225; DeJ. S. v. 130;

SYRIACA, GRÆC. - V. 4. 9. 1. 1717, 3; 5. 5. 9. 11. 1. 193; Page. 21. - 127104.

$$\text{SfIO}_2; \quad 20129 \frac{1}{2} - 1.3 \times 10^6$$

DAVIS, Cl. & Gro. - Cl. Nav. 1. 155-3f31, 32;

SHIMAZU, E.-Rafes, Prit. p. 903: Atlas 43f30-33; Det. Syll. J. 191:

14116. p. 35: (10-11) (11-12)

10. 10. 1951, d.s. alca 43f-29, 30:

> subdita, u.s. - atlas 2/2 f30:

subsolaris,
"r. brevistriata, G. 1882 p. 143-30 f38: - (Pinn. subso. r. br.)

SUBALATA, Grun.-Cl. I330f.33; Del.Syll.p.2f; *(N. n. 2p.35, 1931)*
SUBAMPLIATA, Grun.-Del.S.p.100; *(N. n. 1p.1, v.)*
SUBCAPITATA, Grun.-Raf. p.1902; O'M.I.D.p.305-309; *(N. n. 1p.1, v.)*
Danf.p.25; Atlas 11f53, 55, 56; V.V. 1.5.p.73; Cl. I330f.1.8, 11; Del.Syll.
p.23; Herib.p.94; *(N. n. 1p.1, v.)*
v. *paucistriata*, Grun.-V. 1.5.p.79-81; Del.Syll.p.25; *(N. n. 1p.1, v.)*
Herib.p.94; *-(Pin. sub. var. pau.)*
v. *stanonelliformis*, A.V. 1.5.p.11.5f22; *(N. n. 1p.1, v.)*
SUBCINCTA, A.S. Atlas 13f39-41; Schm.N.D.p.87-2f7; M.O. I375p.414;
O'M.I.D.p.393-3322; Grun. I330f.4-1133, 20; Vega p.471; Villot.p.52;
Brin & T.p.73; *(Diploneis; -N. Cleveana; -Vide N. succincta.)*
SUBCONAERENS, Thw.-Petit liste p.20; *(Colletostoma.)*--
SUBDECIPIENS, Casti.-Del.Syll.p.147; *(Nav. u., Casti.)*----
SUBDIVISA, Grun.-Cl. I330f.29-1120; Vega p.464; Nares;
Danf.p.270; *(Caloneis amphibia.)*----
SUBFUSCA, Part. 3f. -4f553; *-(Diploneis fusa, var. f.)*--
SUBHAMULATA, Grun., V. 1.5.p.103-13f14; Del.S.p.152; Cl. Nav.p.133;
SUBIMPRESSA, Grun.-Cl. I330f.50; Vega p.470; Del.S.p.91; *(N. n. 1p.1, v.)*
v. *tenuior*, Cl. Vega p.470-37f49; *-(N. n. 1p.1, v.)*
SUBINFILATA, Grun.-Cl. Vega p.470-37f50; Nares; Del.S.p.151;
Cl. Nav.p.141; *(N. n. 1p.1, v.)*
v. *elliptica*, Cl. Nav.p.141;
SUBLINEARIS, Donk.B.D.p.35-5f11b; O'M.I.D.p.414; Cl. I330f.5;
V. 1.5.p.75-5f25, 26; Del.S.p.21; *(N. n. 1p.1, v.)*--
SUBLYRATA, Grun.-Cl. Vega p.495-55f17; Del.S.p.73; *(N. n. 1p.1, v.)*
SUBNUDA, A.S. Atlas 12f44; Del.S.p.35; *(Diploneis)*
v. *denestriata*, A.S. Atlas 5f14; Nares, 12f2; *-(Diploneis f., var.)*--
SUBORBICULARIS, Greg.-Prit.p.396; Donk.B.D.p.9-119; Carr.p.103; Grun.
I330f.100; Schm.N.D.p.112f; Atlas 3f3-5; Villot, 1p.1, 1p.1.
503-33f15; Del.S. I373p.30; Fathm.Cay.p.33; Cl. I373p.15; I373p.4;
Vega pp.471, 495; Part. 2f. 54; *(N. n. 1p.1, v.)*
(Diploneis; -N. Smithi, v.; -N. n. 1p.1, v.)----
var., A.S. Atlas 3f1, 2, 6;
v. *forficula*, O'M.I.D.p.397-33f16; *-(Nav. f.)*--
v. *Nankaiensis*, Grun. I330f.100-12, 115; Grun. Vol. I, 75-115;
(Dipl. campylodiscus.)--
v. *parva*, O'M.I.D.p.397;
SUBPOLARIS, Cl.-Del.Syll.p.107; *(N. kryophilis, Cl.)*----
SUBRETUSA, Grun.-Atlas 43f45, 46; V. 1.5.p.71; *-(N. n. 1p.1, v.)*--
SUBRECTA, Greg.-Comp. 1.21; *(N. n. 1p.1, v.)*--
SUBROTUNDOCEA, Grun. I330f.31-204; Del.S.p.133; *(N. n. 1p.1, v.)*--
SUBROTUNDA, Schm. I337p.53-2143a; Del.Syll.p.133;
v. *subquadrata*, Schm. I337p.53-2f45b;
SUBSALINA, Donk.B.D.p.24-4f2; O'M.I.D.p.363; Cl. I373p.16; Vega p.
465; Lagr. I373p.43; Danf.p.23-2f14; *(N. n. 1p.1, v.)*--
(Caloneis amphibia, var. sub.; -N. amph., var. 'b'.; -N. Barkeriana.)
SUBSOLARIS, Grun. I332p.143- Del.Syll.p.136;
SUBTILIS, Breh.-K.S.A.p.37; *-(Pleurosigma.)*----

+ subtilissima, cl. 1895 p. 14:

> Surinamensis, cl. Nov. (2) p. 9-2 f 1:

Suspecta,
A.S. Atlas 11 f. 25-27:

- SUBTILIS, Grev.-Prit.p.904; R.E.D.p.176; Schm.N.D.p.1.2-3f5, 3; Alcock,
Baltic; Sm.Sp.1.No.325; Vell.1.p.14; Grun.137p.73;
(N.lanceolata; -Pinn.)---
var., Parag.Villef.p.46:
SUBTILISSIMA, Cleve 139Ip.37-2f15; Nav.p.14f:-(Stauroneis linearis.)--
SUBULA, K.B.p.91-30f19; K.S.A.p.39; Grun.1360p.543; Prit.p.904; R.E.
D.p.175; O'M.I.D.p.371-3f140; Lagr.1373p.44; Del.Syll.p.159:
(N.fusioides, p.p.)-
var., Grun.1360p.543-1f24; R.E.D.p.175;
SUBULATA, Grun.-Cl.1330p.33; Atlas pl.43f39;
SUBUNDULATA, Grun.-Del.S.p.159:
(Caloneis silicula, v.; -N.firra, v.)
SUBVENTRICOSA, Grun.-Cl.1330p.29-1f19; Vega p.464; Del.S.p.150;
SUCCINCTA, A.S.Atlas 39f32; Del.S.p.76: (Vide N.subeincta.)-
SUDETICA, Hilse.-Del.Syll.p.137: (Pinn.)---
v.Brittanica, Grun.-V.H.Type No.66:
SULCICA, E.-Inf.p.139-2f13; Mik.pl.13-1f12; K.B.p.93-2f13; K.S.A.
p.77; Grun.1360p.513; Prit.p.903: (N.pachyptera; -Pinn.)---
SULCATA, Grev.-Trans. Bot. Soc. Edinb. 1355p.233-3f10; Grun.1360p.513-
3f50; Del.S.p.150; Cl.Nav.p.110: (Cymatoneis; -Stauroneis.)--
SULCENSIS, O'M.-M.O.1372p.233-1f12; Lagr.1372p.173; Del.Syll.p.159:
SUMATRENSIS, A.S.Atlas 43f13; Malaisie:
SUPERA, Cleve, Vega p.463-3f123; *Nav. 2 p. 17*; (Stauroneis.)--
v.elliptica, Cl.Vega p.469-3f124; *Cl. Nav. 2 p. 17*
SUPERCADATA, Grun.1330p.40-1f113: (Caloneis.)-
SUPERIMPOSITA, A.Schm.N.D.p.1.2-2f14; Atlas 43f14; Grun.137p.73;
Vill.1.p.53-3f129; Del.S.p.177: *Cl. Nav. 2 p. 17*
SURIELLA, E.-Abh.Ber.133Ip.177: (N.viridis.)---
SUSPECTA, A.S.Atlas 11f12, 13; Grun.1360p.513; Wille 12f26;
Del.Syll.p.73: (Diploneis crabro, v.sus.)-
SZABOI, Pantoc.2p.54-6f120; Del.Syll.p.113; Cl.Nav.p.131;
SZONTAGHII, Pant.1p.29-3f25; 23f234; 2, p.54; Del.S.p.15:
(Diploneis.)--
TABELLARIA, (L.)-K.B.p.93-23f79, 80; 30f20; K.S.A.p.30; E.Mik.p.204;
Prit.p.393-12f21; Grun.1360p.513; 1365p.10; 1363p.17; Grun.1360p.513-
12f4; Nylander, w.: O'M.I.D.p.346-30f12; Amazon: Lagr.1373p.25; Atlas
43f4, 13; V.I.S.p.73; Bell.1p.14; Grun.1360p.513; 1363p.17;
Wille pls.10f23; 2f15; 11f1; Del.S.p.26; Herib.p.93;
(N.(= Pinn.)acrosphaeria & 1360p.513; -1363p.17; v.sus.)--
v.acrosphaeria, O'M.I.D.p.346: (Nav.2.)--
v.macilenta, Wille pl.20f12, 17: (N.mac.)--
v.stauroneiformis, V.I.S.p.73; Prit.1333:
TABIDA, Nylander, w.: *Cl. Nav. 2 p. 17*; (Nav.2.)--
TALMIATA, (L.)-Raff.1p.90-1f15: (Pinn.)--
TAMIENTSIS, Grun.1360p.162-14f15; 1363p.19; R.E.D.p.227;
Del.Syll.p.132: (Caloneis.)---
TASCHENBERGERI, A.S.Atlas 174f3, 9;
(Diploneis gemmata, v.lacrimans; -Dipl.splendida.)-

Tenella, A.S. Atlas 47f45, 46:

Transfuga, Pt. - Cl. Nav. 2p. 49: - (*T. irrorata* v. fos.)
" *f. scissilis*, Pt. - Cl. Nav. 2p. 49: - (var. *neup.*)
" *neupauli*, Pt. - Cl. Nav. 2p. 49: - (var. *neup.*)
" *plagiostoma*, Gn. - Cl. Nav. 2p. 49: - (var. *plag.*)

Transitans Cl. - Oestrup 1897 p. 320:

" *r.* " *forma minuta*, Gn. Rega p. 467-36f37; Cl. Nav. 2p. 28;
" *r.* " " *gracilenta*, Gn. - Cl. Nav. 2p. 28: - (var. *grac.*)
" *v.* *incudiformis*, Gn. - Cl. Nav. 2p. 28: - (var. *i.* & *harmonica*, var.)
" *v.* *erosa*, Cl. Nav. 2p. 28: - (*T. erosa*)
" *v.* *asymetrica*, Cl. Nav. 2p. 28: - (*T. asym.*) -

TALLEYANA, Grun. I332p. I30-33f39; (Pinn.) ---
TAU, Cleve, Det. No. I3, p. I4-IffII: *Cl. Nav. (2) p. 9*.
TEMPERI, Br.-Brun & T. p. 43-51; Det. S. p. 86; Atlas I7fI24; (Pinn.)
TEMPERIANA, Det. Syll. p. 83; (N. scintillans, I. I. 7
TENELLA, Breb.-K.S.A. p. 74; R.S.D. p. 40; Prit. p. 904;
Lake Michigan; V.H.S. pl. 711, 22; Cl. I330, 6; Vega p. 491; (Pinn.) 31;
wolle 22f15, 16; Det. S. p. 100; *Vall. p. 100*; (Nav. I330, 6, v.) ----
v. fossilis, Pant. 2p. 54-5f9I;
TENUIROSTRIS, O'M.I.D. p. 360-3If9; Det. S. p. I40;
TENUIS, *ag. - Ostrop* 1897p. 320; (Schizonema) -
TERMES, (E.)-O'M.I.D. p. 353-30f35; Atlas 45f37; wolle 9f29, 30;
24f2I, 22; Lake Mich.: Det. S. p. 97; (N. melleo, 12; -Pinn. *v. liliifolia*)
v. stauroneiformis, A.S. Atlas 45f7I; V.H.S. pl. 6fI2, I3;
Det. S. p. 97; (*Pinn. liliifolia*, v.) ----
TERMITINA, E.-Mik. pl. 33-4f4, 5; Atlas 45f34; Amazon: Kinnora;
Det. S. p. 6I; (N. hilserana.) --
THAIIANA, Castr. I337p. 27-20f5; Det. S. p. 79;
THEELI, Cleve, I330pp. I3, 23-Iff22; Vega p. 465; Det. S. p. I5;
THERMALIS, Aratssone. -Det. Syll. p. 29; (Pinn.) ---
THIA, Cl. -LeD. No. I5, p. 56-3f5; *Cl. Nav. (2) p. 9*.
THOMASII, Schum. I362p. I32-3f47; I364pl. 3f47; R.E.D. p. I67;
Det. S. p. I70;
THORAX, Brun I39Ip. 4I-I6f6; (Pinn. *To*)
THUMII, Pant. Ip. 29-IOf35; Det. S. p. I30; (Diploneis contigua.) ----
THURLOMIANUS, Canf. p. 27-IffII; Det. S. p. 47; -(N. fragilis, var. I.) -
THURINGIACA, Rabh. Bac. Exs. No. 59; R.E.D. p. 205; Det. Syll. p. I9;
(Nav. Rabenhorstii.) *Pinn. liliifolia, v. Rabenh.* -
v. linearis, Gutwinski, Mat. Fl. Galicyi I39Op. 22-IffI9;
Notar. I39Op. I93; Det. S. p. I9;
THURINGICA, K.B. I. IO2-4f27; 30fI6; K.S.A. p. 35;
(Frust. attenuata; -Pleurosigma angulatum & T.) ----
TORNEENSIS, Cleve, I39Ip. 33-2f6; *Nav. 2p. 44*:
v. Aboensis, Cl. I39Ip. 33-2f7; *Nav. 2p. 44*:
TORTUOSA, E.-Ach. Ber. I340p. 27I; Prit. p. 310; Brit. Ceyl. p. 34-2f23;
Det. S. p. 77; (Scoliopleura.)
TOULAE, Pant. 3p. 7. -I2fI96; *Cl. 2p. 44*: (N. Schultzei?) --
TRABECULA, E.-Ach. pl. 2-6f29; Mik. pl. 2-3f5; 2-216; 3-4f6; 3-317;
R.S.D. p. 4I; Bremer p. 267; (N. acuminata, "I"; -Pinn.) -
TRANSEUGA, Grun. -Cl. Vega p. 51I-35fI5; Det. S. p. I07;
TRANSITANS, Cl. Vega p. 437-35f3I, 32; Det. S. p. 12; *Cl. Nav. (2) p. 9*.
var. gracilenta, Grun. -Cl. Vega p. 437; *Cl. Nav. (2) p. 9*.
var. Ostrop mar. s. n. l. Hf 43: 1897p. 321.
v. derasa, Grun. -Cl. Vega p. 437-35f32; Det. S. p. 12; *Cl. Nav. (2) p. 9*. (Nav. d.) --
TRANSLUCIDA, O'M.I.D. p. 372-3If4I; Det. S. p. 65;
TRANSVERSA, A.S. Atlas 43f5, 6; Palaisia; Det. Syll. p. 59;
TRANSYLVANICA, Pant. 3p. 7. -If7;
v. producta, Pant. 3p. 7. -23f345;

+ TROCHUS, - (*Anomaeoneis folles*)

22 > Troyana, Gen. - in Cl. Am. #275; - (*P. Rangoonensis*)

TREVELYANA, (E.)-CORK., M.O.I. 1867p. 1-10; B.S.B. p. 1-10; V.D.S. p. 1-10;
CORK. R.C.P. 1867p. 1-10; O'M.I. D.p. 1867p. 1-10; L.A.T. I. 1867p. 1-10; V.D.S. p. 1-10;
"A" f5, 6; T.N.O. 72; Malaisia; Det. S. p. 1-10; (Pinn.).
v. linearis, Pant. 3p. -42f575; (Pinn.).

TRIGRAMMA, Trevisani Serk. Vol. 41. 1867p. 1-9; Det. S. p. 1-10; (Pinn.).

TRICIBBULA, Schum. 1867p. 53-2152; 1867p. 33-2152; Det. S. p. 1-10;

TRICHOCEPHALA, (E.)-Raffs, Prit. p. 909; Cl. Vega p. 453-30129;
Det. Syll. p. 191; (Pinn.).

TRILINEATA, Grove & St.-J.Q.C. 1867p. 132-10f8; Notat. 1867p. 354;
Det. S. p. 67; Cl. Nav. p. 74;

TRINODIS, E.-Inf. p. 179; Mik. pl. 18-1122; 17-2122;
(Tabellaria floccilosa.)

TRINODIS, S.B.D. 2p. 94; Grun. 1867p. 551-2f5; Prit. p. 394; Carr. p. 100;
Lew.N.& R.S. p. 65-2f6; Gallia, Papau; V.D.S. pl. 14f31a; Lake Michigan;
Cl. 1867p. 35; Woll. 1867p. 114; Herib. p. 114; (Pinn.).
(Achmananthidium:-Caloneis Schum., v.: -N.laevisissima, v., & constricta;-
Rhoconeis: Achmananthes:-)

TRINOTATA, Pant. 3p. -9f152; Cl. Nav. p. 137:

TRIUNDULATA, Grun.-Hedw.Vol. I, p. 27; M.O. 1867p. 173-195f10; Cl. 1867p. 1.
5: Det. S. p. 92; (Cymatoneis sulcata.)----

TROCHUS, E.-Inf. p. 179-21f8; Mik. pl. 18-1f13; K.B. p. 99-3f59; K.S.A. p. 8I;
M.J. 1867p. 100-4f131; 1867pl. If2: S.B.D. 2p. 102; Prit. p. 399; R.E. D.p. 190;
Schum. 1867p. 139-9f52; N.& R.S. p. 67; O'M.I. D.p. 369-3f134;
Grun. 1867p. 15-3f6; J.R.M.S. 1867p. 679; Lake Michigan; Det. S. p. 152;
(Caloneis & N. Schumanniana; -N.biconstricta, var., & levensis:)----
v.biconstricta, Grun.-Det. Syll. p. 152: -(N.bouosensis & bicon.)---
TROGLODYTES, Pant. 2p. 54-11f134; Det. S. p. 165; (N.protracta.)

TRUEANI, Pant. Ip. 29-2f19; Det. S. p. 97; (Pinn.).

TRUNCATA, E.-K.B. p. 96-3f34; 5f4; K.S.A. p. 77; R.S.D. p. 39-3f67; Breb. D.C. p. 1-1;
M.O. 1867p. 9-1f4; N.& R.S. p. 67; Prit. p. 957; Sm.Sp. 1. 326; O'M.I. D.p. 368-3f131;
Woll. 23f15, 16; Spaner, Duran; (N.limosa, v.; -N.cancellata & Donkinii;-Pinn.)----

TRUNCULUS, Schum. 1867p. 57-2f42; Det. S. p. 164;

TSCHUKTSCHEUM, Cl. Vega p. 472-37f48; Det. S. p. 93; (Pinn.).

TUNENS, S.B.D. Ip. 52-17f150; Grun. 1867p. 541; Prit. p. 900; Carr. p. 104;
N.& R.S. p. 71; R.E. D.p. 192; Mull: Eisen, 1871; O'M.I. D.p. 368-3f131;
Deby Poluer p. 20; B.S.B. 1867p. 32;
(N.Bohemica, constricta, rostrata & scutilla: Pinn.).

TUMESCENS, Grun.-Atlas 49f10; Woll. 1867p. 13f3; Det. Syll. p. 117;
(Neidium;-Nav.firma.)---

TURICA, Breb.-K.S.A. p. 77; Prit. p. 910-7f153; S.B.D. Ip. 52-17f143; Mull:
New Zealand; Grun. 1867p. 537-2f43a; Breb. D.C. p. 1-1; Schum. 1867p. 139-3f151;
Carr. p. 104; Mull: Cl. 1867p. 220; Nav. p. 155; Maromy 1867p. 2f7;
Sm.Sp. 1. 327; O'M.I. D.p. 368; Grun Alp. p. 74-7f14; Kimoid;
(N.anglica, Jenneri & pusilla; -N.placenticula, v.; -Scoliopterna t. & det)
v.Auratica, Grun.-Cl.Nav. p. 155:-(Scoliopterna A.)---
v.lanceolata, Grun. 1867p. 537-2f44; (Pinn.).
v.linearis, O'M.I. D.p. 368-3f131;
v.subsalsa, Grun. 1867p. 537-2f43b, c; Stroser, Kleiker p. 9-1f10;
(Nav. placenticula, v.)

+ Tussockia, Cl. Nov. 2 p. 19:

+ valida, Oestrup 1897 p. 319:

> " var. capensis, Cl. Nov. p. 25: Oestrup 1897 p. 319:

> " " Groenlandica, Oestrup 1897 p. 320-2 f 1:

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TUMIDULA, Rabh.S.D.p.41-5f9; Prit.p.395; R.E.D.p.133:

TURGIDA, E.-Abh.Ber.1330p.64; Mik.pl.13-2f21;

(Cystopleura; -Epithemia; -Eunotia.)

TURGIDULA, Pant.3p.7-32f432: *CC. Nav. 2p.63*

TUSCULA, E.-Abh.Ber.1340p.21; Mik.pl.5-11f10; V.B.p.3: V.S.A.p.17:

Grün.1350p.540; V.H.S.p.95-10f14; T.No.III: Lake Michigan; Wollé pl.

22f10: Cl.1391p.34; Det.Syll.p.113; Det.S.p.133: (Pinn.)

(Pinnularia; -Stauroneis punctata & L.)

* v. *grata*, Grün.1351p.144-30f18; *CC. Nav. 2p.63*

ULMA, (Nitzsch): E.Beitr.1331p.64: (Bacillaria & Syndura.)--

ULVACEA, Berk.-Cl.Nav.p.129: (Dickisia.)-

UMBONATA, E.-Abh.Ber.1336p.36; Inf.p.177-13f5; Weigmann Archiv.,

1336p.244: (Nitzschia & Syndura thermalis.)----

UNCINATA, E.-Beitr.1330p.64: (Epithemia gibba.)--

UNDOSA, E.-Abh.Ber.1330p.64; Mik.pl.2-3f10; Abh.Ber.1371p.14f15;

14f15; K.B.p.101-25f33; K.S.A.p.34; R.S.A.p.41-3f53; Prit.p.395;

Donk.R.D.p.37-6f1; O'M.I.D.p.359-31f52; Arizon: Wollé 23f13; Det.

Syll.p.171: (N. cosmaria & quinquecostis

UNDULA, Schum.1362p.138-9f37: (Pinn. dicephala.)---

UNDULATA, E., Inf.p.137-21f16--Denticula:-----Raifs in Prit.p.395;

R.E.D.p.208: V.H.1.No.140: Kinnord; (Pinn. mesostyla.)----

UNDULATA, O'M.I.D.p.343-30f7; M.J.1375p.416; Det.S.p.14: (Pinn.)

* v. *subundulata*, Grün.-V. Type No.14094: (Pinn. dicephala)

UNIPUNCTATA, O'M.-M.J.1372p.236-13f4; Heaw.1372p.154; Det.S.p.73:

UPSALIENSIS, Grün.-Cl.1330p.33: Cl. & M.No.242: (N. menisculus, v.)----

UTRICULUS, E.-K.B.p.93; K.S.A.p.73; Prit.p.909; Det.S.p.133: (Pinn.)---

VACILLANS, A.S. Atlas 3f61; Grev. Cay. p.34; V.H.S.p.99-9f9; Wollé,

12f10; 19f22; Det.S.p.76: (Diploneis; -P. pinnularia.)---

* vars., A.S. Atlas 3f42, 43, 52, 53;

* v. *renitens*, A.S. Atlas 12f55: (Diploneis V., var. ren.)--

VAGABUNDA, Brun.-Atlas 174f5; (Dipl. ocellata.)----

VALLIANA, Grün.-A. Schum. N.D. p.177-21f1; Det. Syll. p.137: *CC. Nav. 2p.74*

VALIDA, Grün. & Cl. -Cl. 1330p.32-21f19; Vega p.459; Det. S.p.133: *CC. Nav. 2p.74*

* v. *minuta*, Cleve, Vega p.459: *CC. Nav. 2p.74*

VANA, A.S. Atlas 69f36; *10-2f27, 28:*

VARIANS, Grev.-T.H.S. 1355p.13-21f20; Prit.p.912; Lake Michigan;

(D. cymbula, castum, humilis, ventralis, Rhomboidalis.)

VARIOLATA, Cl.-Lec. Vol. 2p.73-12f7; Atlas 17f135: *CC. Nav. 2p.74*

VASZARYI, Pant. 3p. -16f239: (Achnanthes.)--

VEGAE, Cl. Vega p.474; Det. S.p.173: (P. & P. 1351p.13; Kjellmanni.)-

* v. *subconstricta*, Grün.-Cl. Vega p.474; Det. Syll. p.173;

(Nav. Kjellmanni, var. s.)

VELATA, A.S. Atlas 43f33, 34; Malaisie; Det. S.p.135; (S. f. ...)

VELOX, K.B.p.91-3f36; K.S.A.p.69; R.S.D.p.33-5f12; Prit.p.904;

R.E.D.p.174; Spamer, Duren; Wollé 23f21;

VEGETA, K.B.p.95-30f76; K.S.A.p.75; R.S.A.p.39-3f33; Prit.p.901; Grün:

R.D.p.43-3f13; Schum. 1357p.31-21f20; Hild. 1358p.9-11f1, 2; 21f10,

1371; O'M.I.D.p.372-31f45; Sm. Sp. 7.323; V.H.S. pl. 3f3, 4; 14f34;

Wollé 23f7: (N. cryptocephala, var. v.: -N. perminuta, pumila, & rhomboidus.)

var. intermedia, Jan. Mos. - Gaz. 14, p. 15 f 152. C. G. 20. 57:
" var. intermedia, Cl. Har. 2p. 56:

> intermedia - 20. 57: 100

intermedia, (P. Streptoraphe, var.; -) Petit, Cap. Horn:
Mar. 15, 1841 (2) 1525p. 102: 166 13 24p. 122

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VENTER, E. - Det. Syll. p. 190:

(Pinn.)---

VENTRICOSA, E. - Abh. Ber. 1330p. 67: K. sid. 1339p. 130-4f10; Mik. pl. 2f37;

K.B. p. 99-2f15; K.S.A. p. 31; Donk. 2. 2. p. 73-1f17; Darr. p. 11; V. n. s.

p. 103-12f24; Cl. 1330p. 29; Vega p. 464; Det. S. p. 143:

(Caloneis & Nav. silicula, v.: -N. limosa, var., & amphishaena.)-

* v. Jennisseyensis, Grun.-Cl. 1330p. 29-1f18: -(Cal. silicula, var. J.) S. S. 149.

* v. Kjellmanniana, Cl. 1330p. 29-1f17; Det. S. p. 149: -(Cal. sil., v. K.)-

* v. minuta, H.V. A. S. p. 103-12f26; Det. S. p. 149; Herib. p. 113;

(Caloneis silic., v. min.)

* v. subundulata, Grun.-Cl. 1330p. 29-1f16; Vega p. 464; Det. S. p. 149;

(Caloneis silic. var. sub.)---

* v. truncatula, Grun.-V. A. S. pl. 12f25; Det. S. p. 149; (Cal. sil., v. tr.)----

VENUS, Pant. 3p. 29-29f422; (Caloneis Winkleriana.)---

VENUSTA, Pant. 2p. 54-5f81: Det. Syll. p. 97: (Caloneis.)

VENUSTISSIMA, Witten.-J. R. M. S. 1339p. 10: Ann. Bot. Brit. 1921. 17-212;

Cl. Nav. 162-4f12: 2p. 57:

VERNALIS, Donk.-M. J. 1369p. 293-13f5: (N. Rheinhardtii & variants.)---

VERSICOLOR, Grun.-Sch. N. G. 137-2f17: (N. truncatula, v. ?)---

VERTEBRATA, O'M.-M. J. 1372p. 421: Det. S. p. 137:

VESPA, E. - Ralfs, Prit. p. 902; Det. S. p. 191: (Pinn.)-

VELULA, A. S. Atlas 12f49; 69f33; Villef. p. 52; Det. S. p. 35: (Caloneis)

VIBRIO, E. - Mik. p. 371; Det. S. p. 139:

VICHENSIS, Hantzsch & Petit.-Water. Hydr. des eaux thermales de Vichy:

Mont. Syll. p. 471; Desmaz. 2, No. 504; R. D. Ex. No. 51; R. E. D. p. 173;

(N. aponina; -Libellus aponinus.)---

VICKERSII, O'M. I. D. p. 405-33f36; Det. S. p. 74:

VICOVICII, Grun. 1336p. 130-13f14: Det. S. p. 143: (Cal. silicula, v. ?)---

VIRGINEA, Cl. 1373p. 5-1f2; J. M. 1373p. 509-44f2; Det. S. p. 142: -(Cal. silic.)

VIRIDIS, E., Beitr. 1332p. 31: Poggend. All. pl. 3f1; Inf. p. 131-13f13; 2f12:

Mik. pls. 8-1f19; 3-2f4; 9-1f14; 10-1f3; 10-2f1; 12f14; 13A, 112; 13B,

16; 13-1f3; 16-2f3; 13-3f24; 17-1f1; 17-2f2; A. S. 1333p. 111, 3:

134Ip. 96-2f6, 17: -(Pinn.: -N. major, scalprum, sarirella; N. icostauron, v.)-

VIRIDIS, Nitzsch.-K.B. p. 97-4f13; 30f12; K.S.A. p. 73; Hass. Alg. pl. 102f2:

Quek. H. C. pl. 12f1 "b": Prit. 1352pls. 3f133-136; 13f1-6; A.M.N. 4. 1353pl.

1f31-33; Hoff. 1357pl. 1f31-33; Cole, Essex; Grun. 1360p. 519; Schleiden

pp. 150, 593-2f1-6; Prit. p. 907-9f133-133; Herib. p. 30; Arenig Bach; Cl.

1337p. 634; 1363p. 233; Schum. H. T. p. 70-3f47; 1369p. 33; Manoury 1370pl.

1f1, 5; Eiben, 1371: Nylander, w.: O'M. I. D. p. 341-30f2; L. n. 1373p. 2f1;

* Atlas Jannf. p. 23; Atlas 49f9-1f1; Brugger p. 267; Amazon:

M. T. P. 3-2-4; Lake Mich.: Petit & Lend.; liste p. 21; Class. f7; T. M. S.

1377pl. 137f7; Pet. 1333: Nitzsch p. 106-2f137; V. n. s. pp. 3, 73-5f1; T.

55; Bellon, Lichon; Winkler; Tinn. 1335p. 35-1f1; Atlantic City; Pant.

3p. -7f119; Perag. p. 53; Wille 13f1, 7-10; Malaisia; Det. Syll. p. 11:

Herib. p. 33; Volz p. 137-13f137: (Cylindrella; --

Cymbella laetevirens; -Frust.; -N. viridula, n.: -Pinn. polyptera & v.)---

* forma curta, Herib. p. 34;

* forma longior, Schaalsch.-J. L. S. 1334p. 244:

viridis, K. -

" var. commutata, forma longior, S. L. Rehm. - Fl. 1882 p. 294:

" isostaurum, Gr. - (see isostaurum.)

viridula, K. - Fl. 1882 p. 294:

" viridula, Gr. - Cl. Nav. (2) p. 15:

" v. notallata, K. - Cl. Nav. (2) p. 15: - (var. v.; K. rhynch. var. v.)
Oestrup 1897 p. 319:

" forma major, Atlas 47 f 53, 54:

malpighia, K. -

" var. Oregonica, Cl. Nav. 2 p. 16: Atlas 47 f 55, 56:

" malpighia, Form. et. imp. 14:

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v.commutata, Grun.-V.I.S.pg.73-5f6; T.No.57: J.L.S.I334p.244:

+ Amazon: Truan I335p.36-1f23; Det.Syll.p.II: Herib.p.34: *same p.23*

(Nav.hemiptera & c.)---

v.fossilis, Pant.3p. -12f193; -(P. distinguenda)

v.hemiptera, Brun.-LeD.Vol.I, p.20;

v.Patagonica, Lagr.I373p.2I; Cl.I33Ip.I2-16f3; Det.S.p.I2;

v.semieruciata, Grun.I332p. : Det.S.p.I2;

v.staurofora, Pant.3pI. -3f93: (Pinn. *disrupta*, *elliptica*)

v.sublinearis, Grun.I334p.44-1f22; Det.S.p.II: -(Grun. *stereographa*, v.)--

v.styliformis, Det.Syll.p.II: -(Pinn. *s. styliformis*)

VIRIDULA, E., Inf.p.I33-I34I7; 2f14; Mik.pls.9-1f13; 10-2f45; 11f27:

A.S.S.I34Ip.97: (Frustulia, N., & Nitzschia viridis, K.)--

VIRIDULA, K.B.p.4I-4f10, 15; 30f47; K.S.A.p.69; R.S.S.p.33; Wolln: 1:

Prit.p.905: Neipaler p.191-1f27; Cl.I337p.35: I338p.226; Cl. & M.No.

25I; Nares; I330p.33-2f35; I39Ip.3I; R.E.D.p.2f1, f32; Schum. i.T.f.

68; Eiben, I37I; O'M.I.D.p.490-34f14; Pet. liste p.

20; Lagr.I373p.25; I373p.33; Brun Alp.p.30-3f7; S.S. J.No.353; Lenz

Michigan; Dannf.p.26; V. i.S.p.34-7f25, 26; Vinnord; Hoffmann, Marburg;

Perag.p.53; Det.S.p.43; Herib.p.10I: *Cl. Nav. (2) p.15*

(Frust.; -N.gracilis, lanceolata, oblonga, testellata; -Pinn.)----

vars., Cl. & M.Nos.252, 253;

v.avenacea, Breb.-V. i.S.p.34, *7527; T.No.88; -(A.avenacea)*

var."b" Silesiaca, Bleisch.-R.E.D.p.2f4; Cl.I330p.34;

Det.S.p.44: (N. & Pinn.S.)---

v.Ehrenbergii, Brun Alp.p.30-7f23: (Char. *lanceolata*, *cryptog.* (Nav.E.)--

v.minor, Wolln pl.10f20: *Atlas 47f28; -A. minor*

v.Slesvicensis, Grun.-V. i.S.p.34; T.No.39: Det.S.p.41: -(Nav.S.)-----

VITREA, Cleve Nav.p.III: -(Pleurosigma.)-

VITRISCALA, Brun I39Ip.4I-15f5: *Cl. Nav. 2p.34:* (Alloioneis.)--

VULGARIS, Thw.-Herib.p.33; Pet. liste p.20; Brun Alp.p.33-7f13, 25;

Cl.Vega p.474; Perag.p.6I; Herib.p.109;

(Colletonema; -Frustulia; -Schizonema.)--

v.lacustris, Brun Alp.p.36-3f20; Herib.p.110;

VUKOTINOVICZII, Pant.Ip.29-1f7; 2p.54-12f220; Det.S.p.I3I:

(Caloneis amphisbaena, var.V.)

VULPECULA, A.S.Atlas 2f56; Det.S.p.36: (Diploneis ultimata, v.)-

VULPINA, E.-K.B.p.92-3f43; K.S.A.p.7I; Prit.p.905; R.E.D.p.17I;

V. i.S.p.33-7f13; Cl.Nares; I33Ip.5; I39Ip.3I; Det.Syll.p.4I:

(Cymella lanceolata, E.) *Cl. I375p.14 Nav. 2p.15*

WANKAREMAE, Cl.Vega p.473-37f47; Nav.p.109: (N.Kydonites, v.)---

WEISSFLOGII, Grun.-Cleve Nav.p.152: -(Gremissonia.)

WEISSFLOGII, A.Schm.I373p.433-3f3, 4; Atlas 12123-29, 31, 32; Malaisia;

Petit Cat.p.23; North.Cey.p.34-9f105; Cl.I373p.4: Vega p.505; V. i.S.

p.90-A, f2I; Villef.p.53; Wolln I3f25; Det.S.p.75: + (Diploneis)

var., A.S.Atlas 12f30;

WEISSNERI, Pant.Ip.29-13f133; Notul.I333p.473; Det.S.p.79:

(Diploneis interrupta, v.)----

WESTERMANNI, E., Abh.3er.I330p.117; I333p.117: -(E.ithemia-Cystodonta.)

Wrightii,

" var. Om. - M. J. 1867 p. 165-5 f 4 b:

> Xi, Cl. Nav. 2p. 41:

Harringtonii, atlas 2 12 f 4 b: Cl. Nav. 2p. 69:

" americana, Cl. Nav. 2p. 69:

" DeWittiana, K. S. - Cl. Nav. 2p. 69: - (Nav. Deliv.) -

" aradina, Ft. - Cl. Nav. 2p. 69: - (N. arad.) -

" Phalangium, Ft. - Cl. Nav. 2p. 69: - (Nav. Phal.) -

" heresensis, Ft. - Cl. Nav. 2p. 70: - (N. her.) -

" Simlianskiana, Ft. - Cl. Nav. 2p. 70: - (N. Sim.) -

Zeta, Cl. Nav. 2p. 42:

" mexicana, Cl. Nav. 2p. 42:

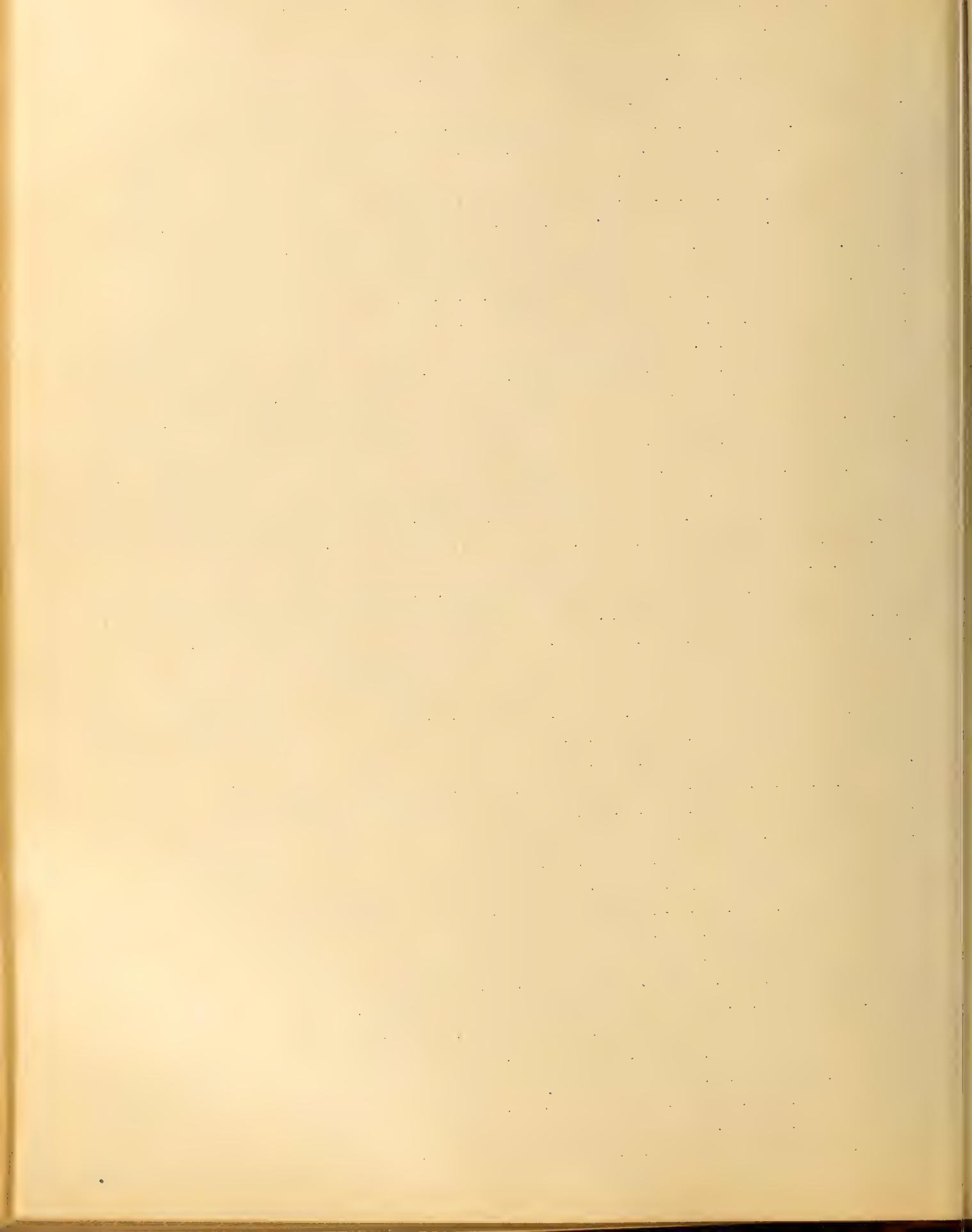
(Zeta enters)

> Zosterata (of S. S. = Nav. Spines) Cl. Nav. 2p. 31: - (Pett. Cas. Nov.)

affine,

" var. longiceps Cl. Nav. 2p. 42: - (Pett. Cas. Nov.)

- WESTII, S.B.D.Ip.49-16f135; Prit.p.910; Hall: Sm.Sp.7.No.331:
(Scoliopleura.)----
- WILCSEKII, Grun.1334p.46-1f33; Det.Syll.1.124; *Cl. Nav. p.110*
- WILLIAMSONI, O'M.I.D.p.403-33f32; V.H.S.pl.9f5;
(N.didyma, W.S., & Smithii.)---
- WITTII, Grun.-N.L.K.D.p.11-3f31; Det.S.p.174; *Cl. Nav. p.110* (Californis.)
- WRIGHTII, O'M.-M.S.1367p.113-5f4; I.D.p.390-32f15;
(N.caribaea, clavata lyra.)--
- YARRASII, Grun.-Sm.Sp.T.No.332; Det.S.p.193; (N.caribaea.)--
- YARRENSIS, Grun.-Atlas 45f1-D; M.T.P.3-2-12; Cl. & M.23f; Vega p.500;
Part.Ip.35-2f20; 21.54-12f19; 10f274; Malaisia: Det.S.p.15; (Yarrensii)
" v.bituminosa, Part.21.55-4f74; Det.Syll.1.15; *Cl. Nav. p.69*
" v.gracilior, Part.2p.74-2f323; Det.S.p.16; *Cl. Nav. 2 p.69*
" v.valida, Part.2p.74-12f212; Det.Syll.p.16; *Cl. Nav. 2 p.69*
- YPSILON, Cleve Nav. *Cl. Nav. p.410* - *Cl. Nav. p.410*
- ZANARCINIANA, Grun.1350p.523-1f12; Det.S.p.174; (Californis.)
- ZANZIBARICA, Grev.-T.M.S.1356p.129-12f22; Atlas 2f5, 3a; Malaisia;
Det.S.p.173; (Diploneis interrupta, v.)
" v.zebuana, Casti.1337p.3f-23f3; Atlas 129f4; Det.S.p.173; *Cl. Nav. p.69*
- ZEBRA, E., Abh.Ber.1330p.113; 1334p.113; (Epithemia.)---
- ZELANTERI, Part.Ip.30-14f113; Det.S.p.131; (Dipl. contigua, v.)--
- ZELLENSIS, Grun.1330p.521-1f34; Schum.1369p.35-2f11; R.E.D.p.207;
O'M.I.D.p.357-30f43; V.H.S.pl.12f14; T.No.129; Cl.1331p.5; Kinn.31a;
Det.Syll.p.34; *Cl. Nav. p.69*
- ZOSTERELLII, Grun.1350p.523-2f23; A.Schm.N.D.1.42-3f13; Atlas 47f42-44;
O'M.I.D.p.403-34f7; Vega pp.463, 497; Villef.p.43; Det.S.p.43; -(Finn.)
" v.acutiuscula, Grev.-Cl.Vega p.453; *Cl. Nav. p.69* (Finn.)
" v.szechuensis *Cl. Nav. p.69*
- NEIDIUM.-- (*Fig. 1895*)--
- AFFINE, E.-Gallia.Papan; Cl.139Ip.39; Nav.p.63; (Navicula a.)--
" v.amphyrrhynchus, E.-Cl.Nav.p.63; (Nav. & N.amph.)--
" v. " forma major, Cl.Nav.p.63;
(Nav.a., p.p.-Nav.affinis, p.p., -Nav.affinis, v.amph.)---
" v. " forma minor, Cl.Nav.p.63; *Cl. Nav. 1895 p.16*
" v.genuina, Cl., Nav.p.63; *Cl. Nav. 1895 p.16*
" v. " forma maxima, Cl.Nav.p.69;
" " " media, Cl.Nav.p.69;
(Nav.aff., p.p.-Nav.firma, v.subampliata.)----
" " " minor, Cl.Nav.p.63;
(Nav.aff., & var.; -Nav.bisulcata v.turgidula.)
- AMPHIGOMPHUM, E.-Cl.139Ip.33; Nav.p.69; *Cl. Nav. 1895 p.16*
(Nav.a., firma, p.p., dilatata, iridis var.amphig.)
- AMPHYRRHYNCHUM, Pfitzer 137Ip.39-4f1; Cl.139Ip.39; (Nav.a.)--
- BISULCATUM, Grev.-Cl.139Ip.39; Nav.p.63; -(Nav.o. & seita.)--
- CITREUM, E.-Cl.Nav.p.70; (Nav.c.)--
- DILATATUM, .-Cl.139Ip.33; Nav.p.70; (Nav.d.)--
- DUBIUM, .-Cl.139Ip.33; Nav.p.70;
(Nav.d.; -Nav.iridis, var.d.; -Nav.incurva v.minuta.)---



- FIRMUM, .-Gallik, Papan; Cl. I39 Ip. 39; (Nav. f.)--
 HITCHCOCKII, E. --Cl. I39 Ip. 39; Nav. p. 69: / 895 p. 16; (Nav. H.)--
 INCLUDENS, Pant. -Cl. Nav. p. 70: (Nav. i.)--
 IRIDIS, .-Cl. I39 Ip. 33; Nav. p. 69: (Nav. i.; -Nav. firma v. major.) / 895 p. 16.
 " v. ampliata, E. -Cl. Nav. p. 69: -(Nav. affinis, p. p., & ampliata.) / 895 p. 16--
 LIMOSUM, .-Gallik, Papan: (Nav. l.)--
 OBLIQUE-STRIATUM, A. S. -Cl. Nav. p. 69: (Nav. o-s.)
 PEISONIS, .-Gallik, Papan: (Nav. p.)--
 PRODUCTUM, W. S. -Cl. I39 Ip. 39; Nav. p. 69: / 895 p. 16.
 (Nav. aff., var.; -Nav. p. & iridis, p. p.)--
 TUMESCENS, Grun. -Cl. Nav. p. 70: (Nav. f., var. tum.)---

- NEMATOPLATA. -- (Synq. 63 pl. E, f. 1-4)
 ARGENTEA, Bory Dictionaire, f, 3a: (Fragilaria capricornis & pectinalis.)
 BRACHIALIS, Bory Diet. p. 66 f. 10: (Fragilaria pectinalis.)
 CAPUCINA, Bory Diet.: (Fragilaria c.)
 CAUDATA, Bory Diet.; - Synq. pl. 63 f. 1 (Grammonema striatum, v.)---
 PECTINALIS, Bory Diet.; - (Himantidium l.)
 QUADRATA, Bory Diet.; - Synq. 63 - E. f. 5, 6: - (H. subquadrata; - (Melosira varians.)-

- NEODIATOMA. -- (Munz, 1876)
 ANCEPS, Grun. -Kunze Review. pl. 2, p. 905: Det. S. p. 635: (Diatoma.)
 ELONGATUM, Ag. -Kunze Rev. p. 905, pl. 2: Det. S. p. 635; "
 EXIGUUM, Grun. -Kunze Rev. p. 905; pl. 2: Det. Syll. p. 635; "
 HYEMALE, .-Kunze Rev. p. 905, pl. 2: Det. S. p. 635: "
 OBTUSUM, Kunze Rev. p. 905, pl. 2: Det. S. p. 635: "
 RHOMBOIDES, O'M. -Kunze Rev. p. 905, pl. 2; Det. Syll. p. 635; "
 VULGARE, Bory. -Kunze Rev. p. 905, pl. 2; Det. Syll. p. 635: (Diatoma.)

- NITZSCHIA. -- (Cressall, 1840)
 ---, Bailey, Amer. Nat. I363p. 510-I3f3, 23: B. alp. f. 1022
 ---, Tanarek I379p. 49: ---, B. S. B. I379p. I6, f. I-20:
 ---, Schum. I369p. 85-2f4, 5: (Tryblionella.)
 ---, Pfitzer I37Ip. 93-3f13, I4; --, Led. Vol. 2, No 21 p. 172-12 f. 7:
 ---, Jour. Roy. Mic. Soc. I393p. I-I f. 7, 3: --, Borscar Russ. D. p. 129-13, f. 9:
 ACICULARIS, S. B. D. Ip. 43-I5f122; Rab. D. ex. No. 56: M. D. pl. I3f13b; deib.
 p. II5; Grun. I362p. 532; Schum. H. 1. p. 30-I f. I7; Cl. I363p. 263; Vega p. 48 I:
 I380p. IOI-5f IO2; Hall: Petit liste p. 22; Class. f. 4; Sm. Sp. 1. 333; T.
 M. S. I377pl. I37f4; Brun Alp. p. IO9-5f29; Delogne: V. A. S. p. I35-70f6; T.
 No. 4I5; Gallik, Papan; Perag. p. 66; Bellac, Luchon: Det. Syll. p. 549;
 Lake Michigan; Herib. p. I74: Borscar Russ. D. p. 126-12, f. 12a, 6:
 (Ceratoneis; -Nitzschiella; -Synedra.)---
 " v. closterioides, Grun. I362p. 532-I2f19; Cl. I380p. IOI; I39Ip. 6I:
 V. A. S. pl. 70f9: Det. S. p. 549; Danf. p. 39: (Nitzschiella c.)---
 " v. closterium, .-V. A. S. p. I35-70f5, 7, 3: (N. clost.)-
 ACLITA, Cleve. -M. J. I379p. 33-2f20;
 ACULA, Htzsch. -Cl. I380p. 90: V. A. S. pl. 63f4: (N. dissipata, v.)--

acuminata, Dammf.p. 36:

- ACUMINATA, W.S.-Cl. & M.No. 156; Cl. 1330pp. 17, 73; Malaisie: Det. Syll. p. 505; V.H.S.p. 173-53f16, 17; T.No. 379; Herib. p. 164; (Tryblionella.)-
 v. genuina, Grun.-Cl. 1330p. 73;
 v. Novae-Zelandiae, Grun.-In V.H.S. (N. Nov.-Z.)----
 v. subconstricta, Grun.-Cl. 1330p. 71; (N. acum.)-
 ACUTA, Cl. 1373p. 13-3f20; 1330p. 75; Det. S.p. 507;
 (N. Jelineckii var., & formica.)----
 ACUTIUSCULA, Grun.-V.H.S. pl. 68f19-23; T.No. 409;
 Perag. p. 65; Herib. p. 173; (N. amphibia, var.)---
 ADRIATICA, Grun.-V.H.S. pl. 61f2; Cl. 1330p. 34; Det. Syll. p. 522;
 (N. insignis, var., & spathulifera.)-
 AFFINIS, Grun. 1332p. 577-12f16; R.E.D. p. 159; V.H.S. pl. 51f16;
 Cl. 1330p. 39; Vega p. 506; (N. angularis, v.)----
 v. Upolensis, Grun.-Cl. 1330p. 39;
 AFRICANA, Grun.-Cl. & M.No. 197; Det. S.p. 554;
 ALATA, Fortm.-Ann. Bot. Brit. 1392p. 24-2f11;
 AMPHIBIA, Grun. 1332p. 574-12f23; R.E.D. p. 157; Sm. Sp. T. No. 633; Petit &
 Leud.; Pet. 1333: V.H.S. p. 134-63f15-17; T.No. 403; Cl. 1330p. 93; 1331,
 p. 11; 1391p. 61; Det. Syll. p. 543; Herib. p. 172;
 v. var., Dippel 1370p. 4;
 v. acutiuscula, Grun.-Cl. 1330p. 93; V.H.T. 409; Det. S.p. 543 (N. ac.)---
 v. Australis, Grun.-Cl. 1330p. 93; Det. Syll. p. 543;
 v. fossilis, Grun.-Cl. & M.No. 177; 1330p. 93; Det. S.p. 543; a. ce. 1895p. 26; (N. foss.)
 v. Frauenfeldii, Herib. p. 173;
 v. thermalis, Grun. 1332p. 574; R.E.D. p. 157;
 AMPHICEPHALA, Grun.-Cl. 1330p. 96; M.M.J. 1330p. 397-12f9; Det. S.p. 540;
 AMPHILEPTA, E.-Ralfs, Prit. p. 730; Grun. 1332p. 557; R.E.D. p. 132;
 Det. Syll. p. 553; (Eunotia a.)---
 AMPHIOXYS, S.B.D. Ip. 41-13f105; Mull; Prit. p. 730; Grun. 1332p. 555; Cl.
 1367p. 66; 1368p. 23; Herib. p. 116; Strose, Kleiken; R.D. Ex. No. 57; R.
 Bac. No. 19; R.E.D. p. 115, f47(2); Schum. H.T. pp. 43, 53; New Zealand; Mull;
 Carr. p. 31; Sur. Jap. p. 3-1f8; Nylander, W.: Gallia, Papan; Eiben, 1371;
 Borscow 129-a f9; Dippel p. 4; M.T.P. I-4-12, 13, 14; Lenzi, Tor.; Sm. Sp. T.
 No. 334; Petit & Leud.; liste p. 22; Class. f. 12: P. 1333: T.M.S. 1377p. 1.
 137pl. 137f12; Brun Alp. p. 104-5f23; Tanarek 1379p. 50, 2b, f23b; Dannf.
 p. 39; Belloc, Luchon; Kirch. Alg. Schl. p. 196; Wille 51f20; Perag. p. 64;
 Lew. N. & R. S. p. 66; Malaisie; u
 (Ceratoneis; -Eunotia; -Hantzschia.)
 forma elongata, W.S.-Rabh. E.B. p. 151; (N. vivax.)
 " longissima, W.S.-R.E.D. p. 152; (N. sigmoides, "b".)--
 v. elongata, Petit, 1333; Perag. p. 64; (Hantzschia & N. e.)--
 v. vivax, Grun. 1332p. 555; (N. v.)---
 AMPHIPRORA, Grun.-Cl. 1330p. 31; Vega p. 479; Det. Syll. p. 513;
 (Amphiprora nitzschioides.)-- C. Stimp 1897p. 331;
 ANGILOLULA, Schum. 1367p. 53-1f12; Grun. 1373p. 12; Dannf. p. 33;
 (N. signa, var.)
 AMPHOROIDES, Grun. 1332p. 132; Det. Syll. p. 515; (Hantzschia.)--
 ANDESITICA, Pant. 2p. 71-14f241; Det. S.p. 552;

Fortm. D. M. p. 18:

angustata, Dammf. p. 36:

vicinata, Dammf. p. 36:

bilobata, Fortm. D. M. p. 19:

- ANGULARIS, S.B.D. Ip.40-13fII7; Breb.D.C.p. ; Prit.p.732; Rapa, Tha.:
 Grun.1332p.531; Herib.p.112; Carr.p.32; Hull; R.E.D.p.151; Reimbard;
 Lew.N. & R.S.p.66: Herib.p.112; Cl.1373p.27; 1374p.12; 1380p.33-31
 93; Vega p.430,506; V.4.S.p.177-52fII-14; Part.p.72; Det.Syll.p.525;
 Wolle 43f24-26; Det.Syll.p.525; Malaisie: *Oestrup 1897p.332*;
 * forma Upolensis, Grun.-Cl.1330p.39; Det.S.p.525;
 * v.affinis, Grun.,V.4.S.p.177; Det.S.p.525; (Nz.a.)---
 * v.borealis, Grun.,Cl.1330p.39-5f99; Vega p.430; Det.S.p.525; *Oestrup 1897p.332*;
 * v.Kariana, Grun.,Cl.1330p.39-5f100; Vega p.430; Det.S.p.525;
 * v.occidentalis, Grun.,V.4.S.pl.33f15; Cl.1330p.33; Det.S.p.525;
 ARBUSTATA, W.S.-Grun.,Cl.1330p.73; 1391p.59; V.4.S.p.172-57f22-24;
 Winora; Wolle 44f13,19; Det.S.p.500; Herib.p.113; (Trybl.)--
 * v.acuta, Cl.1330p.73; Det.S.p.500; *Oestrup 1897p.332* (Trybl.)--
 * v.centa, Grun.-V.4.S.p.172-57f25; 1^oNo.373; Det.S.p.500;
 ARTECLOVIANA-Part.p.11-41-3f32; 2p.72; Notat.1333p.537;
 Det.S.p.515; (N.110bentura,v.)--
 * forma interrupta, Part.-Det.Syll.p.517;
 ANTICIA, Grove & Sturt.-S.D.C.1337p.73-5211; 1338p.137; 1339p.138;
 (N.Groveana.)-
 ANTIQUA, Part.Ip.41-24f220; Notat.1333p.537; Det.S.p.529;
 * v.cavernosa, Brun.-LeD.No.12p.173-24f12; (Eunotia?)---
 APICULATA, Greg.-Grun.1373p.21; Cl.1330p.73; 1381p.11; Vega p.479;
 1391p.59; V.4.S.p.173-53f26,27; *Oestrup 1897p.320*; (Trybl.)--
 ARCUATA, Greg.-M.J.1359p.33-3f4-7; Prit.p.731; Carr.p.31; R.E.D.p.
 152; Cl.1330p.99; Det.Syll.p.545;
 ARCUATO-SIGMOIDEA, Koslowski,1390,Vol.2,p.27-1f2; Det.S.p.529;
 ARCULUS, Suring.3ap.p.II-1f13; Heaw.Vol.5p.55; Vol.9p.130;
 (N.vermicularis.)--
 ARCUS, Bulnheim.-Rabh.Alg.No.731; Heaw.1359p.22-2f1; (N.obtusa,var.)
 ARMORICANA, Grun.1332p.570; Gannf.p.33; V.4.S.pl.33f3; Gallie,Palan;
 (N.sigmoidea,v.; -N. & Sigmatella Brebissoni; -Synedra.)-
 ASIATICA, Brun & T.p.45-1f14; 9f15; Det.S.p.551;
 BADAMONIS, Grun.-Cl.1330p.73; V.4.S.pl.37f23; Det.S.p.525;
 BICUNEATA, Grun.-Cl.1330p.75; Det.S.p.503; (N.Graeffii.)--
 BICUSPIDATA, Part.2p.72: 3p.72-4f53; Det.S.p.551;
 BILINEATA, Grun.-Cl. & M.Nos.145,146; 1330p.73; Det.S.p.509;
 BILOBATA, S.B.D. Ip.42-15fII3; Carr.p.32; Hull; Lew.N. & R.S.p.66; Sm.
 S.1.T.No.333; V.4.S.p.173-50f1; Cl.1330p.99; 1381p.11; Stark River;
 Villef.p.57; Wolle 43f5,6,15; 112f15; Det.Syll.p.514; Herib.p.113;
 (Nz., Amphipora & Scoliopora latestriata.)---*Oestrup 1897p.332*;
 * v.hybrida, Heribard p.113;
 * v.minor, Grun.,V.4.S.pl.30f2,3; Villef.p.59; Det.S.p.514;
 BIROSTRATA, S.B.D. Ip.42-14fII9; Lew.N. & R.S.p.71; Sm.S.1.T.No.336;
 Parag.p.33; Villef.p.53; *Jatm. JM p.18*; (Nz. & Ceratoneis longissima.)-
 BITUMINOSA, Part.2p.72-13f239; Det.Syll.p.552;
 * var.tendior, Part.2p.72-14f252; Det.S.p.552;
 BLEISCHII, Janisch.-Bleisch 1331p.73; Rabh.Alg.1351 sub; Det.S.p.531;
 BOETCHERIANA, Rabh.in litt.; R.E.D.p.157; (N.spectabilis,v.)--

Chortium, Latm. D.M. p. 19.

+ communis, Rab..

+ " v. abbreviata, Oestrup 1897 p. 333.

- * *v. gigantea*, Grun. I363p.574; R.E.D.p.157;
 BREBISSONI, S.B.D.II.33-31f206; Prit.p.73I; Carr.p.3I; Bull. N. .
 p.155; M.T.P.I-4-25; Sm.Sp.T.No.337; Dannf.p.37; V.H.S.p.I73-6414,5;
 T.No.393; Cl.I380p.9I; Belloe, Luchon: Perag.p.34; Villef.p.57; Wollé
 45f6,3; Del.Syll.p.529; Herib.p.I63: *Jacq. 1870 p.40.*
 (Nz. & Syneura Armoricana; -Sigmatella.)-
 * *v. borealis*, Grun.-Cl.Vega p.480:
 BREVISSIMA, Grun.-V.H.S.pl.57f4: (N. obtusa, v.)--
 BREVISTRIATA, Grun.-Cl.I380p.39; Del.S.p.523;
 BRIGHTWELLI, Kitton.-Prit.p.730-3f7; R.E.D.p.I62: Cl.I380p.77:
 Del.S.p.510: (N. punctata, L.W.B.)-
 CALIDA, Grun.-V.H.S.pl.59f4,5; Cl.I380p.75; I38Ip.II: Del.S.p.506;
 Herib.p.I64: (N. tryblionella, v.)--
 CAMPEACHIANA, Grun.-Cl.I380p.74; Vega p.513; Wollé 45f2,3:
 M.J.I380p.395-I3fI6; Del.S.p.506;
 CAMPROCARPA, K.- (Navicula c.)--
 CIRCUMSUTA, Bailey.-Eiber, I37I; Grun.I373p.2I; M.T.P.I-5-I; Mobile;
 V.H.S.p.I74-59f3; T.33I; Cl.I380p.77; I39Ip.59; Wollé 44f7; Del.S.
 p.510: *Dannf. 364* Surirella; -Trybl.c., Peruana & scitellum.)--
 CLAUSII, Htzh.-Grun.I362p.572; ~~I373p.22~~; Heaw.Vol.2p.40-3f7; Rabh.
 Alg.No.944; Pet.liste 1.22; V.H.S.pl.33f10; Belloe, Luchon: Gallik,
 Papan: (N. curvula, v., & sigra, var.)---
 CLOSTERIUM, S.B.D.II.42-I5fI20; Bull; Grun.I362p.532; Herib.I.II5; Cl.
 I367p.333; I363p.236; I373p.27; I380p.I0I; Vega p.48I; Bul.Sp.T.No.
 72; Lew.N. & R.S.p.63; Dannf.p.33; V.H.S.pl.70f5; T.No.4I6; Perag.p.
 33; Shark River; Lake Michigan; Wollé 40f10-I3, I3; *Oestrup 1897 p.333*;
 (Ceratoneis; -Homoeocladia Agardhii; -Nz. acicularis, var., & longissima,
 var.; -Nitzschiella; -Syneura closterioides.)-
 * *var.*, V.H.S.pl.70f7,3: ~~Cl. I3~~
 COARCTATA, Grun.-Cl.I380p.63; Cl. & M.Nos.I54, I55 sub; Malaisie;
 V.H.S.pl.57f4; Wollé 44f10; Del.S.p.493: (Nz. punctata; -Trybl.)---
 COCCOLETHOIDEA, Grun.-Cl.I380p.33; Cl. & M.Nos.I73, I95, I96:
 M.M.J.I380p.395-I2f5; Del.S.p.496;
 COMMUNATA, Grun.-Cl.I380p.79: (Nz. umbra, v. minor, w.S.)--
 COMMUNIS, Rabh. Alg.Nos.343, 949; R.E.D.p.I59; Grun.I362p.573-I2fI3;
 Schum.H.T.p.59-I5fI6; I369p.35-2fI; Sm.Sp.I.3-I5; Gallik, Papan;
 M.M.J.I375p.3-I09fI3; Brun Alp.I.I03-5fI3; V.H.S.p.I34-69f32; T.No.
 219; Cl.I380p.97; I39Ip.6I; Belloe, Luchon: Delogne; Perag.p.35; Wollé
 40f24,25; Malaisie; Del.Syll.p.542; Herib.p.I72: *Al. G. 1896 p.26*;
 (Syneura mucicola & notata.)-
 * *v. abbreviata*, Grun.-V.H.S.pl.I31-39f35; Cl.I380p.97; Del.S.p.511;
 * *v. obtusa*, Grun.-V.H.S.p.I34-69f33,34; Cl.I380p.93; Del.S.p.543;
 Herib.p.I72;
 * *v. perpusilla*, Rabh.-Sm.Sp.T.No.339;
 COMMUTATA, Grun.-V.H.S.p.I75-59fI3, I4; Belloe, Luchon: Perag.p.34;
 Villef.p.57; Herib.p.I65: *Oestrup 1897 p.331*; (Nz. umbra, "n".)
 CONCINNA, Grun.-V.H.T.series 22; Bot.Centr.I333p.324; Del.S.p.517;

constricta Darw. p. 36:

> delicatissima, Cl. 1897 p. 24-25 f22

-3-3-3-3-3-

- CONSTRICTA, Grev. - Ralfs, Prit. p. 730; Grun. 1332p. 537; 1333p. 3; Amazon: Cl. 1333p. 233; 1373p. 27; 1380p. 71; Vega p. 473; R.E.D.p. 152; Florel, Baltic; Pet. liste p. 22; Bellec, Luchon; Brun Alp. p. 103-5f13; Delbanc; Lagr. 1373p. 23; Sm. Sp. T. No. 333; V.H.S.p. 172; Villef. p. 56; Malaisie; Det. Syll. p. 502; Herib. p. 163; (Nz. & Syneura dubia; -Trybl.) --
 * forma parva, V.H.S.p. 173-53f3; Det. S.p. 503; *Syneura*
 * v. bombiformis, Grun. - Cl. 1330p. 71; V.H.S. pl. 53f9; Det. S.p. 502;
 * v. genuina, Grun. - Cl. 1330p. 71;
 * v. major, Grun. 1332p. 537; (Nz. dubia.) ----
 * v. minor, Rabh. Alg. No. 1503; R.E.D.p. 153;
 * v. similis, Grun. - Cl. 1330p. 71; Det. Syll. p. 502;
 * v. subconstricta, Grun. - V.H.S. pl. 53f7; Cl. 1330p. 71; Det. S.p. 502;
 COSTATA, Pant. 3p. - 4f566;
 CUNEATA, Suringar Japon p. 9-1f9; Heaw. Vol. 7p. 53; Vol. 9p. 130;
 (Nz. stapharum; -Surirella multifasciata.) ----
 CURSORIA, Donk. - Norman, Hull list; Cl. 1330p. 39; Vega p. 506; V.H.S. pl. 62f19; Wille 22f17; 43f13; Malaisie; Det. S.p. 523; (Bacillaria.) --
 CURVIROSTRIS, Cl. 1373p. 13-3f21; 1330p. 101; J.M. 1379p. 33-2f2;
 Malaisie; Det. S.p. 543; (Nz. longissima, v.) --
 * v. closterium, E. - Det. Syll. p. 543; (Nitzschiella c.) ---
 CURVULA, E. - S.B.D. 2p. 39; Grun. 1335p. 9; Schum. 1339p. 1. 2f15; Hall;
 R.E.D.p. 156; M.M.J. 1374p. 23; Grevillea 1374p. 39; Amer. Nat. 1373p. 536; Perag. p. 66;
 (Navicula; -Nz. sigma, v. curvula & signatella; -Syneura.) -
 * v. subcapitata, Htzh. - Rab. E.D.p. 153; (Nz. Clausii.) --
 * v. subrecta, Grun. - Rab. E.D.p. 156; (Nz. s.) -
 DAVIDSONI, Dickie & Grun. - Amazon; Cl. 1330p. 75; Det. S.p. 503;
 DEBILIS, Arnott. - Sm. Sp. T. No. 390; Prollius p. 33-2f13; V.H.S.p. 172-57f19-21; T. No. 412; Cl. 1330p. 63; Spamer, Duren; Det. S.p. 498;
 (Nz. palea, v.; -Trybl. a., ovata & Sauteriana.)
 DECORA, Kitton. - M.M.J. 1373p. 203-38f3; (Nz. Jelineckii.) ----
 DELOGNEI, Grun. - V.H.S.p. 134-"C" f33; T. No. 106 sub; Det. Syll. p. 543;
 DENTICULA, Grun. - Cl. & M. No. 224; 1330p. 32; 1331p. 11; 1391p. 57; Kinnora;
 Dannf. p. 37; V.H.S.p. 175-60f10; T. 334; Lake Mich.; Wille 43f31-33;
 Det. S.p. 513; Herib. p. 135; A. Cl. 1895p. 26;
 (Denticula Kutzingii & minor.) ----
 * v. Delognei, Grun. - V.H.S.p. 173-60f9; Det. S.p. 519;
 * v. minor, Cleve, Vega p. 492-37f33;
 DIANA, E. - Ralfs, Prot. p. 730; Grun. 1332p. 557; R.E.D.p. 152;
 Det. S.p. 553; Eunotia.) -
 DILUVIANA, Cl. Vega p. 501, 513-37f37; Cl. & Dent. p. 139;
 Det. S.p. 497; (N. punctata, v.) ----
 DIPPELLI, Grun. 1332p. 155; Det. Syll. p. 515;
 DISSIPATA, Rabh. Alg. Eur. No. 943; R.K. Fl. p. 50; R.D. Ex. No. 30; V.H.S.p. 173-63f11; T. No. 391; Cl. 1330p. 90; 1391p. 30; Lake Mich.; Wille pl. 19f20; Det. S.p. 527; Herib. p. 167; *Petit. Cap. form.*
 * v. acula, V.H.S.p. 173; Det. S.p. 527;
 * v. media, Htzh. - V.H.S.p. 173-63f23; Det. Syll. p. 527;
 Herib. p. 167; (Nz. media.)

+ distans, Cestrum 1897 p. 331: Fortm. D. M. p. 19:

7 diversecostata, Bn. - L. D. 2, n. 16 p. 78-5311:

DISSIPATA, H.L.Sm.Sp.T.No.340:-(N.minutissima,W.S.)----

DISTANS, Greg.D.C.p.58-6f103; T.M.S.I357p.79-1f44; Prit.p.732; Carr.

+ p.32; R.E.D.p.16f; Cl.I373p.25; I380p.37; Pet.,Nimbu; Lapp.I378p.29; Malaisie; V.H.S.pl.62f10; Villef.p.57; Det.Syll.p.524:-(N.eximia)

" v.Australiensis, Grun.-Cl.I380p.37: Det.S.p.524;

" v.Quarnerensis, Grun.,Cl.I380p.37: Det.S.p.524; Vega p.512:-(N.Q1.)--

" v.sigmoidea, Grun.-Cl.I380p.87; Det.S.p.524:

" v.subsigmoidea, Grun.-V.H.S.pl.62f16;

" v.tumescens, Grun.-Cl.I380p.37; V.H.S.pl.62f17; Det.S.p.524;

(Nz.Quarnerensis,v.)---

DOLJENSIS, Pant.Ip.4I-2f14; Notar.I333p.537; Det.S.p.497;

(Nz.granulata,v.)--

DUBIA, S.B.D.Ip.4Ipls.I3,I4f112; Grun.I362p.563; Carr.p.82; Lew.N.&

R.S.p.71; Schum.I357p.53; I359p.35-215; Rab.Alg.E.91f; 35p.1, Thallus;

Hull: Eiben,I37I; M.T.P.I-4-II: Dannf.p.37; Sm.Sp.T.34I; Cl.& M.I79:

Gallia,Papan; V.H.S.p.I74-59f9-I2; T.332; Cl.I380p.77; I38Ip.II; Vega

p.479; I39Ip.59; Perag.p.64: Wille 44f5,6,II: Det.S.p.511; Herib.p.

I35; *Fertum Dm. p. 19*; (Synedra constricta.)----

" var."b"constricta, Breb.D.C.p. ; Schum.I357p.53; Carr.p.82

Hull: (Nz.con.)----

" v.minor, S.B.D.Ip.42-3If112b; Grun.I362p.563-12f24;

Det.Syll.p.554 (Nz.commutata.)--

EHRENBERGII, Ralfs, Prit.p.732: R.E.D.p.152:---Synedra amphilepta:----

EHRENBERGII, Schum.I362p.I77: I364p.I9: (Synedra spectabilis.)----

ELEGANTULA, Grun.-V.H.S.pl.69f22a: (Nz.microcephala,v.)

ELONGATA, Hass.Alg.p.435-102f12:

(Nitzschia; -Nz.sigmoidea; -Sigmatalia nitzschii.)

ELONGATA, Htzh.-Hedw.Vol.2p.35-6f5; Grun.I363p.97; Gallia,Papan;

V.H.S.pl.55f7,3; Malaisie: (Nitzschia; -Nz.amphioxys,v.)--

ENTOMON, .-Ralfs,Prit.p.730; R.E.D.p.153; Det.S.p.553: (Synedra.)

EPITHEMIOIDES, Grun.-Rab.Alg.No.2033; Eiben,I37I; Dannf.p.37: Cl.I380,

p.32; V.H.S.pl.60f6-3; Wille 43f12-14; Det.S.p.513:

EPSILON, Kitton.- (Rutilaria.)---

EXIMIA, Grun.-Cl.I380p.33; Det.Syll.p.525: (N.distans,v.)-

FASCICULATA, Grun.I373p.2I; V.H.S.p.159-66f11-I3; Wille 40f14-17;

Det.S.p.532: (Homocladia sigmoidea; -Nz.sigma,v.)---

FEBIGERI, Grun.-Cl.I380p.3I; J.R.M.S.I380p.395-10f15; Wille 43f11;

Det.S.p.514:

FLEXA, Schum.I362p.I36-3f23; R.E.D.p.156; (Nz.sigma,v.rigida.)

FLEXELLA, Breb.- (Nz.obtusa,v.)

FLEXUOSA, Sm.Sp.p.11-11f2; Hedw.Vol.9p.130; Det.S.p.771;

FLOMINENSIS, Grun.I362p.561-12f13; R.E.D.p.152; Cl.Jav.p.12; I380p.

36; Vega p.501,507,512; V.H.S.pl.62f3,4; Wille 43f20; Malaisie;

Det.Syll.p.523;

" v.angusta, Cl.I380p.36; Det.Syll.p.525;

" v.majuscula, V.H.S.pl.62f5;

" v.serrulata, Cl.& M.No.I13; I380p.37; Det.S.p.523: (Nz.maj.)--

> fraudulenta, de Scot. p. 300, f 11: 1897 p. 24:

Gracilis Hantzsch^{orig.} citation correct

> Gracilis, de Scot. p. 300, f 11: 1897 p. 24:

- MONTICOLA, Grun.-Cl. & M.No. 174; 133fp.7; 139Ip.5f; V.
H.S.pl.39f15-20; Bellec, Lichon: Perag.p.35; Herib.p.171:-(N.113a,v.)
- FORMICA, Hutz.133fp.2f-2f3; M.T.P.1-5-2; Fortm.Cey.p.39;
(Nz.acuta & Delinckii:-Trybl.famelica.)----
- FOSSILIS, Grun.-V.H.S.pl.33f24; Herib.p.173: (Nz.amphibia,var.)--
- FRAGILIDICES, Grun.-Cl.133fp.37; Del.Syll.p.544: (Nz.113b,117)-
- FRANCONICA, Rinsch 133fp.25-11f; Law.Vol.1.110; R.L.2.1.77;
- Rinsch,Alf.,Ent.130f; Del.S.1.502;
- FRUENHELDII, Grun.-Cl.133fp.93; V.H.S.pl.33f18; Del.S.p.545;
(Bacillaria;-Nz.amphibia,v.)-
- FRIGIDA, Grun.-Cl.133fp.94-5f10f; Vega p.43f; Del.S.p.53f;
- FRUSTULUM, H.L.Sm.Sp.1.No.342; wolle 40f22,23;
- FRUSTULUM,K.-V.H.S.p.134-33f23,29; Cl.133fp.93; 139Ip.3f; Pant.2p.72;
Perag.p.35; Bellec, Lichon: Del.S.p.518; Herib.p.173;
(Nz.inconspicua & Hantzschiana;-Synedra.)---
vars., V.H.S.pl.33f27: --, Herib.p.174;
v.acuta, Pant.2p.72-3f107; Del.Syll.p.544: (Nz.111.)-
v.Bulnheimiana, Grun.-V.H.S.pl.33f30; Herib.p.173: (Nz.111.)-
v.constricta, Pant.2p.72-3f100; Del.S.p.544;
v.curvata, Pant.2p.72-3f150; Del.S.p.544;
v.glacialis, Grun.-Del.Syll.p.544: (Nz.111.)--
v.hungarica, Pant.2p.72-3f43; Del.S.p.544;
v.minuta, Pant.2p.72-3f104,105;
v.minutula, V.H.S.p.134; Del.S.p.544; Herib.p.173: (Nz.n.)---
v.obtusa, Pant.2p.72-3f100; 11f102; Del.Syll.p.544;
v.perminuta, Grun.-V.H.S.pl.33f31; A.C.1895p.26: (Nz.111.)---
v.pergasilla, V.H.S.p.134; Herib.p.173; (Nz.111.)-
v.tenella, Grun.-V.H.S.p.134-39f30; 1.No.410: (N.minuta,Bleisch.)-
- FUSIDIUM, H.L.Sm.Sp.1.No.343; (N.minuta,Bleisch.)-
- FUSIFORMIS, Grun.-Cl.133fp.95; Pant.2p.73; Del.S.p.53f;
- GELIDA, Grun. & Cl.-Vega p.430-33f70; Del.Syll.p.53f;
- GIGANTEA, B.-Ratis, Pant.1.62; Grun.133fp.35; Del.S.p.545;
(Synedra G. & Libyca.)--
- GLACIALIS, Grun.-V.H.S.pl.39f9; Cl.Naz.2; (N.frustulum,v.)
- GRACILEMA, Hantz.-Sm.Sp.1.No.344:-(Nz.linearis,v.)1876p.2
- GRACILIS, Grun.-Sm.Sp.1.No.345: 1876p.2: (N.113b,117)
- GRACILIS, Hutz.-Rinsch,Alf.1876p.94; Law.Vol.1.110; R.L.2.1.77;
59-11f3; R.L.2.1.13; Petit 113p.1.22; V.H.S.pl.33f11,12; Cl.133fp.93; Del.Syll.p.540; Damm, 27 (Nz.113b,117)
- GRACILII, Grun.-Cl.1373p.20-3f32; 133fp.75; M.H.S.133fp.394-12f4;
Del.S.p.507: (Nz.113b,117)
- GRANDIS, Kitton.-M.M.O.1374p.2f9-32f15,3; Cl.133fp.33; Del.S.p.520;
- GRANULATA, Grun.-Cl. & M.No.204; M.M.O.133fp.395-12f7; V.H.S.pl.11.77;
Cl.133fp.33; Vega p.503; wolle 43f11; Del.S.p.497;
(Nz.Colijensis;-Trybl.)--
- GRANULOSA, Fortm.Cey.p.40-3f37; Del.Syll.p.514;
- GROVEI, Grun.-Bot.Centr.133fp.40; Del.S.p.517:-(Amphitroa 113b,117)---
GROVEI, DeToni, Notar.133fp.537: (N.Groveana.)--
GROVEAN, DeToni, Syll.p.538: (Nz.antiqua;-N.Grovei,Del.)---

Am. quies. *Botm. D. m. p.* 19:

Am. marginifera. *Carlson.* 1897, 331:

- GRUNDLERI, Grun.-Cl. I373p.4-4f24; I380p.83; J.R.C. I337p.7;
Det. Syll. p.520; (Peltigera.)--
- * var., Cl. Vega p.512;
- HABITUALI, Grun. I373p.4-4f24; I380p.83; J.R.C. I337p.7;
Cl. & M. No. 223; (N. signa, v.)--
- HABITUALI, Rabh.-Det. Syll. p.550; (Nitzschia & Synura.)---
- HAMIZSCHIANA, Rabh. Alg. Eur. No. 943; Grun. I380p.40-5f3; Grun. I382p.
57; R.E.D. p.160; V. A. S. p.1.201, 2; Cl. I380p.79; I381p.31; Det. S.
p.51; Grun. I374p.174; (N. signa var., & Nitzschia; -I380p.)--
- * v. laticollis, Grun.-Cl. I380p.79; Det. Syll. p.51;
- HOMOCLODIA, Grun. I382p.575; R.E.D. p.153; V. A. S. p.1.331, 13; Cl. I380p.
p.96; I381p.11; Perag. p.35; Det. S. p.54;
- HEVESENSIS, Pant. 2p.73-10f174; Det. S. p.532;
- HOMOCLODIA, — Heib. p.115; Lagr. I370p.29; (Homocloel. sigmoides.)---
- HUNGARICA, Grun. I382p.53-12f101; I373p.21; Grun. I380p.30-2f1; R.E.D.
p.153; Eiben, I371; Dippel p.4; M.T.P. I-4-10; Sm. Sp. T. No. 347; Gallix,
Pajar; V. A. S. p. I73-53f19-22; T. No. 330; Lake Michigan; Cl. I380p.73;
I381p.39; Wille 14f12, 13; Nitzschia; Det. S. p.501; Grun. I380p.73;
(Tryblionella.)--- *Petit. ex Grun. Danf. p.36;*
- * v. linearis, Grun.-V. A. S. p.1.53f23-25; Cl. I380p.73; Det. S. p.501;
- HYALINA, Greg. D.C. p.53-6f104; Prit. p.732; Carr. p.32; Reinhard; R.E.
D. p.151; Cl. I380p.39; Nitzschia; *Grun. D. M. p.9;* (N. signa, v.)---
- HYBRIDA, Grun.-Cl. I380p.79-5f95; Vega p.479; Filoel, Balt.; Danf. p.
37; V. A. S. p.1.501, 5; Grun. I384p.53-11f1; Det. S. p.573; (N. bilobata, v.)
- * v. Krykonites, Cl. Vega p.479-33f65; Det. S. p.513;
- * *Wille Nitzschia*, Grun.-Cl. Vega p.479;
- HYPERBOREA, Grun.-Cl. Vega p.479;
- * v. Nystromii, Grun.-Cl. Vega p.480;
- IGNIMONTANA, Brun & Heib.-Heib. p.223-3f10;
- INCONSPICUA, Grun. I382p.57-12f125; R.E.D. p.160; Cl. & M. No. 123;
I380p.99; I381p.7; V. A. S. p.1.39f6; Det. S. p.545; Heib. p.174;
(N. frustulum, var., & perisilla.)-
- INCUSIANS, Grun. I382p.533-12f21; R.E.D. p.152; Sm. Sp. T. No. 343;
V. A. S. p. I32-63f5, 6; (N. lanceolata, v.)---
- * v. arida, Grun. I382p.533-12f19; R.E.D. p.152;
- * v. minor, Grun. I382p.566-12f10; R.E.D. p.152;
- INCURVA, Grun. I373p.23; V. A. S. p.1.70f13, 14; (N. Lorenziana, v.)---
- INSIGNIS, Greg.-T. N. S. I357p.30-11f4; Prit. p.732; Grun. I382p.564; Will;
+ Carr. p.31; Cl. I387p.333; I383p.233; I380p.33; I373p.227; Sm. Sp. T. 349;
Lagr. I376p.27; Villef. p.57; Det. S. p.521; (N. Asiatica; -Pritchardia.)-
- * v. Arctica, Grun., Cl. I380p.34; Vega p.479; Det. Syll. p.52f;
- * v. genuina, Grun.-Cl. I380p.34; Vega p.513;
- * v. marginifera, Grun.-Cl. I380p.34-6f105; Vega p.479; Det. S. p.522;
- * v. Mauritanea, Grun.-Cl. I380p.34; Det. S. p.521;
- * v. Mediterranea, Grun.-Cl. I380p.34; V. A. S. p.1.61f1; Villef. p.57;
Det. Syll. p.52f; Nitzschia;
- * v. notabilis, Grun.-Cl. I380p.34; Det. S. p.521; (N. not.)--
- INTERCEDENS, Grun. I373p.21; (N. signa, v.)---

Canceolata, Fortm. D.M. p. 19; Darrif. p. 38.

- INFERIORII, Hantz.-V. i. S. pl. 64f12; II: Cl. I. 330p. 95: I. 330p. 111;
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 INVERSA, Cl. & M. No. 213: -(Error--should be "perverse".)-
 ITALICA, Rabh.-Prit. p. 731; R. E. D. p. 155: Del. S. p. 533; -(Sigmatella.)---
 JANISCHII, Grun.-Cl. I. 330p. 32; J. R. M. S. I. 330p. 393-I. 3f14; Del. S. p. 513;
 JAVANICA, Grun.-Cl. & M. No. 115: (P. 1. 31. I. 3111, v. 7)---
 JULINECKII, Grun.-I. 330p. 144-I. 330p. 153; R. E. D. p. 152; Forum.
 Cey. p. 40; Cl. I. 373p. 12; I. 330p. 74; Vega pp. 501, 506, 513;
 (Nz. acuta, decora, formica, subcostata.)---
 " v. elongata, Cl. I. 330p. 74; Del. Syll. p. 507; *Forh. D. M. p. 19*;
 KITTLEII, Grun.-I. 330p. 155-2912, 25; Part. 2, 73-I. 3f23; I. 3f25;
 Del. Syll. p. 515; Herib. p. 171-5f3;
 KITTOMII, H. E. S. S. T. No. 350; A. M. M. J. I. 373p. 11-318; Grav. I. 373p. 12;
 wolle 43f30; Del. S. p. 527;
 KOLACSEKII, Grun.-Hedw. I. 337p. 13; M. M. J. I. 373p. 1. I. 94f10;
 Cl. I. 330p. 95; Del. Syll. p. 539;
 KRYOPHILA, Cl. Vega p. 430-33f74; Del. S. p. 534: (N. obtusa, v.)---
 KURZII, Rabh.-Cl. & M. No. 73; Sm. Sp. T. No. 351; Cl. I. 330p. 92; Del. S. p. 534;
 KUTZINGIANA, Hilse, I. 330p. 67; Rabh. Alg. No. 1267; Darnf. p. 33; V. i. S. pl.
 69f23; Cl. I. 330p. 96; I. 330p. 11; I. 391p. 61; Del. S. p. 541: -(N. palea, v.)---
 " v. exilis, Grun.-V. i. S. pl. 69f27; Cl. I. 391p. 61; Del. S. p. 541: *Del. S. p. 541*;
 " v. fonticola, Grun.-Cl. I. 330p. 97;
 " v. perminuta, Grun.-Cl. I. 330p. 97;
 " v. Romana, Grun.-Cl. I. 330p. 97;
 KUTZINGII, Rabh. E. D. p. 130; Perag. p. 65: (Synedra parvula.)--
 LABUENSIS, Cl. Vega p. 501-37f36; Del. S. p. 533;
 LAEVISSIMA, Grun.-Cl. & M. No. 314; Vega p. 430; Nares:
 Grun. I. 334p. 54-I. 3f35, 36; Del. S. p. 533;
 LAMPROCAMPA, Hantz.-V. i. S. pl. 64f3: (N. vermicularis, v.)-
 LANCEOLA, Grun.-V. i. S. pl. 57f3: Cl. I. 330p. 63; Del. S. p. 497;
 A. M. M. J. I. 391p. 1f27; (Tryblionella.)-
 " v. minutula, Grun.-Cl. I. 330p. 63; Del. S. p. 497: (N. min.)--
 LANCEOLATA, S. B. D. I. 40-I. 4f113; T. M. S. I. 330p. 43-2f20; Prit. p. 732; M.
 D. pl. I. 3f10; Eul. Sp. T. No. 71; Carr. p. 32; Grun. I. 332p. 531; Hall; R. E. D.
 p. 151; Cl. I. 333p. 233; I. 330p. 95; S. S. T. No. 352; Doby Pol. p. 22; Carr.
 Cey. p. 40; Guinard p. 33; V. i. S. p. 132-63f1, 2; T. No. 407: wolle 40f3, 9;
 Perag. p. 65; Del. S. p. 533; A. M. M. J. I. 391p. 1f26; -(Sar. curvula.)---
 " forma minima, V. i. S. p. 132-63f4; Del. Syll. p. 533;
 " forma minor, V. i. S. p. 132-63f3; Del. S. p. 533;
 " v. incrustans, Grun.-Cl. I. 330p. 95; V. i. S. p. 132; Del. S. p. 533: -(N. inc.)-
 " v. pygmaea, Cl. Vega p. 431;
 LATA, Witt.-J. M. G. I. 673p. 66-3f6; Hedw. Vol. 5p. 110;
 Petit Cat. p. 29; Lagr. I. 373p. 27; I. 373p. 12;
 " v. elegans, Lagr. I. 373p. 27, f2: (Nz. panduriformis, v. lata.)---
 LATESTRIATA, Biss.-Prit. p. 73; Grun. I. 332p. 50; I. 330p. 95; R. E. D. p. 154;
 Lagr. I. 373p. 27: (Amphipora; -N. bilobata; -Scoliopleura.)-
 " v. panduriformis, Rabh. E. D. p. 154: (N. pand.)--
 LATIUSCULA, Grun.-V. i. S. pl. 65f3; Malaisie; (Nz. signa, v.)--

> lineola, Cl. Scot. p. 300, fig. 10: 1897 p. 24:

littoralis, ~~Wann~~ f. p. 36:

- LESIENSIS, Grun.-Cl. I330p.30; Cl. & M. No. 203; Det. Syll. p. 514;
(N. bilobata, v.; -N. nitellaria, v.) -
- " v. diminuta, Grun.-Cl. I330p.30; Det. S. p. 514;
- LEVIDENSIS, W.S.-V.H.S. pl. 44f3; (Trybl.)--
- LIEBELTII, Rab. E.D. p. 157; Cl. I330p.94; V.H.S. pl. 53f23, 25;
Det. Syll. p. 544; (N. perpusilla, Grun.)
- " var., V.H.S. pl. 69f3;
- " v. minuscule, Grun.-Cl. I330p.93; Det. S. p. 544;
- LIMICOLA, Grun.-Cl. I330p.70; M.D. p. I330p.191-1311; 43112, 43110;
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- LILARIS, S.B.D. p. 39, fig. 13, 31ff10; Will: Rab. E.D. p. 53; M.D. No. 335; M.D. I330p.37; Part. p. 732; R.E.D. p. 135, 117(1); Grun. I330p.75; Herib. p. 112; Carr. p. 31; Girard Foss. p. 9-1f5; Schum. H. T. p. 53; Cl. I330p.233; I330p.93; I331p.7, 11; Vega p. 43f; Cl. & M. No. 173; Will: Borsow ~~144~~ ~~aff. 11~~ S.H. p. 1.3-1f7; V.H.S. p. 1-4-13; Gallia, p. 1; Foss. liste p. 22; Class. fig. 13, 15; Winckler; Brun Alp. p. 107-5f25; S.H. p. 1.353, 354; Lake Michigan; T.M.S. I377p. I37f13, 15; Dannf. p. 33; Prollius p. 69; Strose, Kleiker; V.H.S. p. I31-37f13-15; T. No. 404; Belloc, Luchon; Perag. p. 65; Hoffmann, Marb.; Wolle 43f17, 22; Gerling pl. 1f4; Det. S. p. 535; Herib. p. 169; (Frust. l. & series; -
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- " var. "b", S.B.D. p. 39; R.E.D. p. 153;
- " var. "g", Rab. E.D. p. 153; (Frust. & Synedra series.) ---
- " var. major, V.H.T. No. 403; Det. S. p. 536; Herib. p. 169;
- " v. subsignoides, Grun.-V.H.T. No. 405; Det. Syll. p. 536;
- " v. Suecica, Grun.-Cl. I330p.93; Det. Syll. p. 536;
- " v. tenuis, W.S.-Brun Alp. p. 107-5f25; V.H.S. p. I31; T. No. 403; Cl. I330p.93; Vega p. 43f; Lake Mich.: -(N. tenuis, p. p., & media.)
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- " v. Bengalensis, Grun.-Cl. I330p.73; Det. Syll. p. 508;
- " v. Delawarensis, Grun.-Cl. I330p.76; Det. S. p. 509;
- " v. Samoensis, Grun.-Cl. I330p.76; Det. S. p. 509;
- " v. Slesvicensis, Grun.-Cl. I330p.76; Det. S. p. 508;
- " v. Terrestina, Grun.-Cl. I330p.75; Det. S. p. 503; (N. trybl., var.) - ~~144~~ ~~aff. 11~~
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- " v. parva, Grun.-V.H.S. pl. 59f25;
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N. subconstricta *diminuta* *Palmer*, *Sci. Rep.* #945. 1860

N. subconstricta *Cl. Sci. Rep.* 500, 1893 p. 211

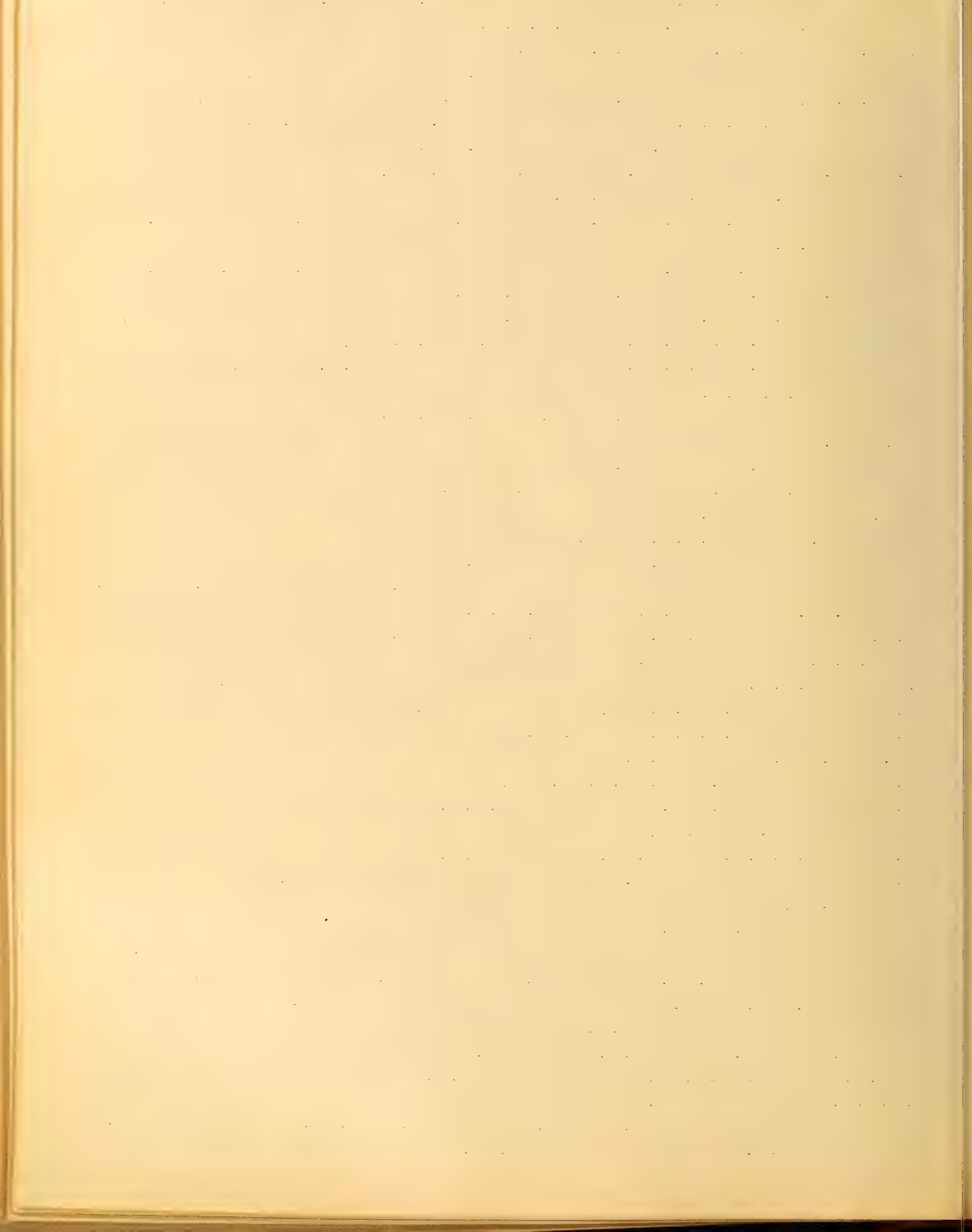
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 MAJUSCULA, Grun.-Cl. I380p.37; Woll. 43f19; Det. Syll. p. 523;
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 356; Cl. I380p.90;
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 v. elegantula, V. H. S. p. I33; Det. Syll. p. 540; (Nz. el.)--
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- mit. helliana, Oestrup 1897 p. 331:

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- MINUTISSIMA, S.B.D.Ip.4I-I3fI07; Mull: Rab.Alg.Eur.No.942; Prit.p.730;
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 37I; Dannf.p.35; (Sarirella; -Tryblionella marginata & n.)
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 I2f2; Cl.I380p.74; Vega p.507; Det.S.p.503; (N. panduriformis, v.)
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 NORMANNII, Grun.-V.H.T.No.39 sub; Det.Syll.p.554;
 NOTABILIS, Grun.-V.H.S.pl.3If5; Malaisie; Villef.p.57; -(N. insignis, v.)
 NOTATA, Rabh.K.Fl.p.5I; Eiben, I37I: (Syneura.)
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 NYSTROMII, Grun.-Cl. & M.No.I72; (Nz.vivax.)-
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 " var., Castr.I387p.37-I3fI3;
 OBLONGA, L.W.B.-B.O.N.H.I36Ip.344-2f70;
 OBSCURA, Grun.-Cl.I380p.38; Det.Syll.p.493;
 OBUSA, S.B.D.Ip.39-I3fI09; Prit.p.73I; Grun.I362p.57I; Carr.p.32; R.
 Alg.Eur.No.74I; R.E.D.p.I55; Eul.Sp.T.No.33; Lew., N. & R.S.p.7I; Sm.
 Sp.T.No.353; Cl. & M.No.77; I380p.9I; Vega p.502; I39Ip.60; Perag.p.
 34; M.T.P.I-4-I7; V.H.S.p.I30-37fI; T.No.393; Wille, 42f7, I3; Herib.
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 " v. arcuata, Rabh.E.D.p.I55: (N. arcus, p.p., & flexella.)----
 " v. brevissima, V.H.S.p.I30; T.No.400; Det.Syll.p.534;
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 " v. flexella, (Breb.)-Sm.Sp.T.No.359: (N. flexella, Br)
 " v. lepidula, Grun.-Cl.I380p.92; Det.S.p.534; *Dannf.p.38*;
 " v. maxima, Cl.I380p.9I: (N. obtusa.)----
 " v. nana, V.H.S.p.I30; T.No.399; Det.S.p.534: (N. nana.)-
 " v. scalpelliformis, Grun.-V.H.S.p.I30-37f2; Cl.I380p.92;
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 " v. vulgaris, Cl.I380p.9I; Det.S.p.533;
 OBUSA-SCHWEINFURTHII, Grun.-Cl.I380p.92; Det.S.p.534; -(N. obtusa, v.)---
 + OCULATA, Cleve & M.No.I54; I330p.30; F.L.V.C.I. I6-4I47; Det.S.p.5I6;
 OVALIS, Arn.-Cl.I380p.95-5fI03; Vega p.46I; V.H.S.pl.39f56; T.No.
 4I4; Bellec, Luchon; Perag.p.35; Det.Syll.p.539; Herib.p.I72; *Det. 70p.40*
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 69; Brun Alp.p.I03-5f2I, 22; Cl. & M.No.I24; I380p.96; I36Ip.II; I39I,



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- Cl. & M. No. 124; V. u. S. p. 133-39f22b, c; T. No. 411; Spang, C. u. r.; Perag. p. 35; Lake Michigan; Wollé, 40f26, 27; Belloc, Luchon: Det. Syll. p. 340; Herib. p. 171: *Bacillaria* *Exilis* *Sp. 124* *1897* *1898* (N. Kützingeria minuta; -Synedra dissipata, fusidum, fusidoides & f. --- v. curta, Cl. & M. No. 124; A. J. M. 1379 p. 101; v. debilis, K. - Cl. 1330 p. 96; V. u. S. p. 133-39f23, 29; T. No. 412; Det. S. p. 541: (N. debilis; -Synedra f. --- v. dissipata, Grun. 1362 p. 12f7; R. Al. Eur. 943; R. A. f. 1. 100: -Synedra f. --- v. exilis, Heribaud p. 171; v. fonticola, V. u. S. p. 133; Det. S. p. 541: (N. font.) - v. perminuta, Grun. - Det. Syll. p. 541: (N. perm.) - v. Romana, Grun. - Cl. 1330 p. 97: (Nz. Rom.) - v. tenuirostris, Grun. - V. u. S. p. 133-39f31; Lake Michigan; Det. Syll. p. 541; Herib. p. 171; v. tropica, Dickie & Grun. - Amazon: Cl. 1330 p. 96; Det. S. p. 541; forma famelica, Rabh. E. D. p. 160: (Synedra f. --- f. major, Rabh. E. D. p. 160: (Syn. m. --- PALEACEA, Grun. - V. u. S. pl. 68f9, 10; Cl. 1331 p. 11: (Nz. subtilis, v. --- PANDURIFORMIS, Greg. D. C. p. 57-6f102; Prit. p. 730; Grun. 1362 p. 537; 1373 p. 21; Carr. p. 32; Hantzsch 1363 p. 20-2f7; Amazon; Breb. Verm. p. 9; Lew., N. & R. S. p. 36; Schum. 1367 p. 53; O. M. Kerg.; Cl. Java p. 12; 1373 p. 12; 1380 p. 71; Vega pp. 501, 503, 513; Petit Cat. p. 29; Nimrod; Lanzi, Ostia; Fortm. Cey. p. 40; Dannf. p. 33; V. u. S. p. 172-53f1-3; T. No. 377; Perag. p. 34; Villef. p. 56; Wollé, 44f3, 4, 9; Malaisie; Det. Syll. p. 501; Herib. p. 163; *Petit, Cap Horn* (N. latestriata, v., & Nicobarica.) --- v. genuina, Cleve, 1380 p. 71; v. continua, Grun. - Cl. 1330 p. 71; Vega p. 503; V. u. S. pl. 53f6; Det. S. p. 502; v. delicatula, Grun. - Cl. 1330 p. 71-5f92; Vega p. 478; Det. S. p. 502; v. lata, Grun. 1362 p. 537; Det. Syll. p. 501: Cl. 1330 p. 71: (Tybl. l. --- v. lucida, Brun & H. - Herib. p. 163-1f11; v. major, Grun., 1362 p. 537: (N. dubia.) - v. minor, Grun. 1362 p. 537; Cl. 1330 p. 71; V. u. S. pl. 53f4; Villef. p. 56; Det. S. p. 502; v. Nicobarica, Grun. - 1363 p. 97-1a, f4; Grévillae Val. p. 77-3f6 - (N. M. --- PARADOXA, Grun. - Dannf. p. 37; Hantzsch, Baltic; V. u. S. p. 173-5f15, 7; T. No. 333; Cl. 1330 p. 85; Vega p. 479; 1391 p. 50; Wollé, 40f27-29; (Bacillaria.) *Cl. 1897 p. 2* v. genuina, Grun. - Cl. 1330 p. 35; v. Pacifica, Cl. 1330 p. 36; (Bacill. paradoxa, v. --- v. tropica, Cl. 1330 p. 36: (Bac. tr. --- v. timida, Cl. 1330 p. 36: (Bac. paradoxa, v. t. --- PARVA, W. S. in litt. - (N. littorea, v. --- PARVULA, S. B. D. p. 41-13f106; Prit. p. 730; Greg. D. C. p. 7: Grun. 1362 p. 559; Hull; Carr. p. 32; New Zealand; Roper, Thames; R. A. D. p. 184; Guillard 1888 p. 12-3f2; Petit liste p. 22; Grun. 1373 p. 23; Brun Al. p. 107-3f10; Sm. Sp. T. No. 330; Rabh. Alg. Eur. No. 344; Cl. 1330 p. 79; Vinnora; Malaisie; Belloc, Luchon: Det. Syll. p. 513; *Fortm. D. M. p. 18*

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 * v. Javanica, Grun.-Cl. & M.143 sub; Del.S.p.545; (N.Jav.)--
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 * v. elongata, Grun., Cl.1330p.63: V.A.S.p.171-57f5;
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ROMANA, (Grun.)-V.H.S.pl.39f12, I3: DeT.Syll.p.542:

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(N.tryblionella,v.; -Trybl.)--

SCABRA, Cl., Vega p.480-33f73; DeT.S.p.532; *Oestrop 1897, 212*SCALARIS, S.B.D.I.39-I4f113; Prit.p.731-4f22; *Breb.D.C.p.7: 1861.*

I12; Grun. I362p.534; Carr.p.31: Lew., N. & R.S.p.7I; Cl. I330p.233;

I330p.33; I391p.30: *Alb. et. altie: M.T.P.I-3-3,4; Sm.Sp.T.No.337;*V.H.S.pl.50f11, I5; T.No.337; Carr.p.37; Mobile; *Perag.p.65: Wollie,*43f9; DeT.S.p.519: *Fortm. 274p. 7* (Pritchardia; -Synedra.)---

" v.gigantea, Grun. I362p.534;

" v.minor, Cl. I330p.33; DeT.S.p.519:

" v.undulata, Wollie pl.34f1,2:

SCALIGERA, Grun.-J.R.M.S. I330p.395-I2f3; Cl. I330p.33;

Wollie, 43f4; DeT.S.p.520:

SCALPELLIFORMIS, Cleve & M.No.293; ~~I330p.92~~:

(N.obtusa,v.)--

SCHLIEPHACKIANA, Grun.-Rabh.Alg.Eur.No. I304; *Lew.Vol.51.53;*

R.E.D.p.324; DeT.Syll.p.530:

SCHWEINFURTHII, Grun.-Rabh.Alg.E.No. I718; *Heaw.Vol.3p.175;*

Sm.Sp.T.336; V.H.S.pl.67f5,6:

(N.obtusa,v.)-

SCUTELLUM, W.S.-Wollie, 44f24:

(Trybl.)--

SENEGALENSIS, Grun.-Cl. I330p.99; J.R.M.S. I330p.395-I3f12;

DeT.S.p.546;

SERIANS, Rabh.-Cl. I330p.78; V.H.S.pl.59f23; T.No.333;

DeT.Syll.p.511:

(N.istilla.)---

SERIATA, Cl. Vega p.473-33f75; DeT.S.p.501: *212/81*

SIBIRICA, Grun.-Cl. I330p.73-5f94; Koslowski I390p.23-I f3;

DeT.Syll.pp.511,551;

(N.dubia,var.)-

SIGMA, S.B.D.Ip.39-I3f103; Mull; Prit.p.731-4f21; *Breb.D.C.p.7; Heio.*

p.112; Grun. I362p.572; I333p.7; I373p.21; Lew., N. & R.S.p.7I; Carr.p.

32; Reinhard; Roper, Thames; Hull; R.E.D.p.153; Guinard p.33; Eiben,

I37I; M.T.P.I-4-I3; Petit Cat.p.29; Nimbu; Luzzi, I373p.3; Ostia p.

30: *Fortm.Cey.p.40; Brun Alp.p.105-5f24; Sm.Sp.T.No.337; Lagr. I373p.*

23; Cl. I373p.23; I331p.11; Vega p.460,506; I391p.30; J.R.M.S. I373p.

33I; V.H.S.p.179-33f7,3; T.No.334; Carr.p.33; *Deby Volu.p.20; Wollie,*40f4,5; 43f10,11; *Perag.p.65; Villat.p.57; Malaisie; DeT.Syll.p.530.*(N.major, neogena, scabra; -Synedra.)--- *Oestrop 1897, 212*

" v.abludens, Grun. I373p.22; DeT.Syll.p.532:

(N.ab.)---

" v.angustilula, Grun. I373p.22; DeT.S.p.531;

(N.ang.)--

" v.Clausii, Grun. I373p.22:

(Nz.Cl.)--

" v.consimilis, Grun. I373p.21; DeT.S.p.531:

(N.con.)--

" v.curvula, E.-Brun Alp.p.105; DeT.Syll.p.531:

(N.sigmatella & curvula; -N.sigmoidea, v.sigmatella) *var. minor*;

" v.diminuta, Grun.-V.H.S.pl.66f9; DeT.Syll.p.532;

" v.elongata, Grun.-Mobile; Malaisie:

" v.fasciculata, Grun. I373p.22;

(N.fasc.)--

ren. genuina, Gm. 38p. 22:

unidentified

Symatella, Fath. Dm. p. 19:

+ Sigmaidea, Oestrop 1897 p. 332:

0-0-0-0-0-

- v. habirshawii, Hebigier.-V.H.S.pl.35f4; Cl.& M.No.223; Vega p.512; Villef.p.58; Det.Syll.p.532: (N.habir.)-
- v. intercedens, Grun.I373p.22; V.H.S.p.I79-33f1; Cl.Vega p.502; Det.S.p.531: (N.int.)--
- v. latiuscula, Grun.-Det.Syll.p.532:
- v. maxima, Grun.I373p.21; Det.S.p.531: *vestrup 1897 p.332*; - (N.max.)-
- v. parvula, Brun Alp.p.105: (Navicula; -N.sigmatella.)
- v. rigida, K.-Grun.I373p.22; V.H.S.p.I79-33f2, 5; T.No.397; Perag.p.65; Villef.p.58; Wolle, 40f6; Det.S.p.531; (Amphipleura r. & sigmoidea; -Frustulia scalaris; -Navicula lamprocampa; -Sigmatella subrecta.)----
- v. rigida, Grun.-V.H.S.p.I79-33f3; Perag.p.65; V.H.T.No.396; Wolle, 40f7; Det.Syll.p.531;
- v. sigmatella, Grun.I373p.22; V.H.S.p.I79-33f3, 7; T.No.397; Malaisie; (N.sigma, Gr.; -N.sigmatella, v. curvula.)---
- v. subcapitata, R.E.D.p.153; Br.Alp.p.105; Det.S.p.531: -(N.Clausii.)-
- v. subrecta, Grun.I373p.22; Cl.Vega p.512; Det.S.p.531: (N.subrecta.)-
- v. valida, Ped.-Grun.I373p.23; Vega p.512: (N.val.)--
- SIGMATELLA, Grap., M.J.I355p.37-4f2; Prit.1.732; Grun.I355p.372; 1370, p.22; Carr.p.82; Eiben, I371; Sm.Sp.T.No.363; Petit liste p.22; J.R.M.S.I379p.332; Bellec, Luchon: *Wolle 1897 p.40f6* (N.sigma, v., & curvula.)---
- v. major, Grun.I362p.572:
- v. minor, Grun.I362p.572:
- v. pusilla, Grun.I362p.573; (Navic. lamprocampa.)
- v. subrecta, Grun.I362p.572-12f12; Petit liste p.22:
- SIGMOIDEA, S.B.D.Ip.33-13f104; Gront.; Mill; Prit.1.731-9f143; M.J. pl.I3f9; Heib.p.112; Grun.I362p.570; I363p.7; Carr.p.81; Pop.Sci.R. I355p.394-13f4; Mill; Nylander, w.: Brugger p.231; Sm.Sp.p.3-113; R.E.D.p.154; Cl.I363p.233; I330p.90; I391p.50; R.Alg.Eur.No.732; Sm. Sp.T.No.369; Eiben, I371; M.T.P.I-4-20 to 22; Brun Alp.p.104-5f23; Petit liste p.22; Bellec, Luchon; Tanarek I379p.49, f23A; Cannf.p.37; Gallik, Papan; Hoffmann, Marburg; V.H.S.p.I73-33f5-7; T.No.392; Mobile; Lagr.I334p.32; Pharm.Cb'l't.I33Ip.I55, cum icone; Perag.p.64; Delogne; Spamer, Duren; Wolle, 42f9; Truan I335p.73-7f19; Malaisie; Herib.p.I37; J.R.M.S.I393p.I-If9; Det.Syll.p.523: (Bacillaria; -Cymbella; -Frust. nitzschii; -Navicula; -N. elongata, Hass.; -Synedra; -Sigmat. nitzsch.)-
- v. Armoricana, Grun.-Cl.I330p.91; Truan I335p.73-7f20; Herib.p.I37: *Wolle 1897 p.40f6* (N.Arm.; -Synedra A. & Trevissonii.)
- var. "b", S.B.D.Ip.33-13f104b; Bleisch, I363; Carr.p.81; Vega p.492;
- v. Brevissoni, R.E.D.p.155; Brun Alp.p.105-5127; (Synedra Armoricana & B.)---
- v. undulata, Petit liste p.22; Class.f3; Det.Syll.p.523; T.M.S.I377p.1.I37f3;
- SINDATA, Grun.-Cl.I330p.32; I331p.50; V.H.S.p.I73-33f11; T.No. 335; Lake Michigan; Wolle, 48f11; Det.S.p.519; Herib.p.I35; (Genticula; -Genticulid; -Genticula; -N. tumida.)---
- v. tabellaria, V.H.S.p.I73; T.No.336: (N.tab.)--

Spathulata, Fortm. D. M. p. 19:

Spectabilis, Fortm. D. M. p. 19: Dammf. p. 37:

subtilis

|| var. palacea, Dammf. p. 38:

|| gemina, Cl. '80 p. 95:

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- SMITHII, Ralfs, Prit. p. 731; Grun. 1332p. 564; Reinhard; Carr. p. 32; V.H. S. pl. 61f4; Cl. 1330p. 34; Det. S. p. 521; -(N. spectabilis, W.S.: -Pritchard.)
 * v. genuina, Grun. - Cl. 1330p. 34;
 * v. subflexuosa, ^{W.S.} Cl. 1330p. 34; Det. S. p. 522;
 SLESVICENSIS, Grun. - Eiben, 1371;
 SOCIALIS, Grun. - T.M.S. 1357p. 3-1145; Hilt: Cl. 1373p. 27; 1373p. 12; 1330p. 35; Vega p. 479; Lagr. 1373p. 29; V.H.S. pl. 61f3; Dannf. p. 37; Malaisie: ~~Festaf 1897~~ (Bacillaria.) --
 * v. Australis, Cl., 1330p. 35; (Bac. socialis, var.) --
 * v. Baltica, Grun. - Cl. 1330p. 35-5f107; Vega p. 479; ^{p. 37} (Bac. s., var.) --
 * v. basaltica, Brun & H. - Herib. p. 133-1f3;
 * v. Kariana, Grun. - Cl. 1330p. 35-5f103; Vega p. 479; (Bac. s., var.) --
 * v. Massiliensis, Cl. 1330p. 35; (Bac. socialis, v.) --
 * v. Seychellensis, Grun. - Cl. 1330p. 35; Vega p. 512; (Bac. Soc., v.) --
 SPATHULATA, S.B.C. 1. 40-511263; Bred. D.C. p. 7; Prit. p. 732; Grun. 1332p. 530; Carr. p. 32; New Zealand; Hilt; Lew., N. & R. S. p. 66; Sm. Sp. T. No. 370; V.H.S. p. 177-62f7, 3; T. No. 390; R.E.D. p. 131; Cl. 1330p. 39; Vega p. 430; Perag. p. 35; Wolle p. 1417, 3; Malaisie; Det. S. p. 525;
 * v. ^panista, Grun. 1332p. 530; R.E.D. p. 131;
 * v. hyalina Grun. - Cl. Vega p. 430; V.H.S. p. 177; (Nz. h.) --
 SPATHULIFERA, Grun. - Cl. & M. No. 203; 1330p. 35; V.H.S. pl. 61f3; Malaisie; Det. S. p. 522; - (N. Adiantica, v., & 1331p. 13, v.)
 SPECTABILIS, S.B.C. 1. 39-14f113; (N. Smithii: -Pritchard.) --
 SPECTABILIS, E. - Ralfs, Prit. p. 732; R. Mac, exs. No. 51; Grun. 1332p. 574; R.E.D. p. 133; Bred. D.C. p. 7; Nylander, W.: Hilt; V.H.S. pl. 61f3, 9; T. No. 401; Cl. 1330p. 92; 1331p. 30; Villot. p. 35; Perag. p. 35; Wolle, 40f1; Pant. 2p. 73; 3p. -7f120; Det. S. p. 535; Herib. p. 133; (N. Boetcheriana; Synebra.) --
 * v. Americana, ^{W.S.} Cl. 1330p. 92; Det. S. p. 533; ^{Dannf p. 38}
 * v. gigantea, Grun. 1332p. 574;
 SPIRALIS, K. - Det. S. p. 550; (Nitzschella.)
 STAGNATA, Rabl. Alg. 21. 325; R.V. 41. p. 43; V.H.S. pl. 50f4; Cl. 1330p. 73; 1331. II; Det. S. p. 511; (N. emata; -Spirilla multicaulis.) --
 STOLICSIANA, Grun. - Cl. 1330p. 99; Det. S. p. 546;
 SUBCOSIATA, Grun. - Cl. 1330p. 74; Cl. & M. 149; Det. S. p. 507; (Nz. Jelineckiana, var.) --
 SUBDILATA, Grun. - Cl. 1330p. 33; Det. S. p. 525; (N. distans, v.)
 SUBTILIS, K. - Cl. 1330p. 95; Dannf. p. 35; V.H.S. p. 133-63f7, 3; Perag. p. 35; Belloe, Lichen: Cl. 1391p. 30; Det. S. p. 529; Herib. p. 133; (Frust.; -Navicula acus; -N. tenuis, p.p.: -Synedra.) --
 * v. glacialis, Grun. 1334p. 55-1f64; Det. S. p. 539;
 * v. Mexicana, Grun. - V.H.T. No. 250;
 * v. paludosa, Grun. - Cl. 1330p. 95; V.H.S. p. 133; Det. S. p. 539; ^{ex 895p. 203} (N. pal.)
 SUBULATA, Bred. - Det. S. p. 551; (Nitzschella.)
 SULCATA, Grun. - Cl. 1330p. 73; Det. S. p. 509;
 SUPERBA, Fortm. Cey. p. 40-3133; Det. S. p. 553;
 SZABOI, Pant. 2p. 73-151263; Det. S. p. 552;

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- TABELLARIA, Grun.-Cl.I33Op.32; V.H.S.pl.60fI2,I3; Lake Michigan; Wollé,43f22,23; Malaisie; Detl.S.p.5I9; He(ib.p.I36: (Denticula; -Grunowia; -N.sinuata,v.)----
- TAENIA, S.B.O.Ip.43-I5fI25; M.D.pl.I5fI3a; Mull: Sm.Sp.7.No.37I; (Ceratoneis; -Cylindrotheca; -Nitzschiella gracilis.) *Detl.S.p.19:*
- TALLYANA, Grun.I332p.I48-29f2I; Pant.2p.73; Detl.S.p.543;
- TENUIS, S.B.O.Ip.40-I3fIII; Desmaz.2.No.503; Prit.p.732; Carr.p.3I; Grun.I332p.576; Heib.p.II2; Schum.H.T.p.53; Eul.Sp.7.No.70; Mull; R. E.D.p.I53; Sur.32p.p.10-11fI; Lagr.I373p.43; Sm.Sp.7.No.372; V.H.S.pl. 37fI6; Belloc,Luchon; Wollé,40fI9,20; Herib.p.I39; (N.Hantzschiana, linearis, recta, subtilis, Tergestina; -Syneura.)----
- " var."b", Schum.I364p.I3-2f3; Petit & Lequ.;
- " v.media, Rabh.E.D.p.I53; Lagr.I373p.43; (Nz.media,Htz.)
- " v.parva, Rabh.E.D.p.I53; Lagr.I373p.43; (Nz.hantzschiana.)--
- " forma robusta, R.E.D.p.I53; (N.recta,Htz.)-
- TERGESTINA, Ralfs-Prit.p.73I; Dannf.p.33; (N.tenuis; -Sigmatella; -Syneura.)--
- TERMINALIS, ~~Carter~~ Rabh.Alg.E.No.1234, I235 sub; Grun.I332p.559-12f 22, ~~3~~ Schum.H.T.p.50-11fI4; R.E.D.p.I55; Amazon; Puccino p.9-21f3; M.H. J.I375p.6-I09fII; Eiben,I37I; Braun Alp.p.I06-5fI7; Sm.Sp.7.No.373; Gallia,Papan; V.H.S.p.I74-59f20; Cl.I33Op.73; Belloc,Luchon; Spamer, Duren; Dannf.p.37; Detl.S.p.5I2; Herib.p.I65; (Navicula umbonata & t.; -N.serians & stagnarum; -Pinnularia; - Surirella umbonata & t.)
- " v.intermedia, Grun.-V.H.S.p.I75-59fI5-I9; Detl.Syll.p.5I2;
- " v.littoralis, Grun.-Cl.I33Op.73; Detl.S.p.5I2; (N.litt.)-
- " v.littorea, Grun.-Detl.S.p.5I2;
- " v.minor, Hilse I36Op.67; R.Alg.E.No.I266; V.H.S.pl.59f22; Cl.I33Op.73; I39Ip.59; Detl.S.p.5I2; *Dannf.p.37:*
- " v⁸.serians, ² Grun.I332p.539; (N. ~~Syn.~~ & Frustulia s.)
- " v.stagnarum, Rabh.Alg.Eur.No.625; R.E.D.p.I53;
- TONGATENSIS, Grun.-Cl.I33Op.77;
- TRANSYLVANICA, Pant.3p. -I0fI37;
- TRYBLIONELLA, Hantzsch.-R.Alg.E.No.934; Grun.I373p.20; Carr.p.30; V. H.S.p.I7I-57f9,I0; T.373; Cl.I33Op.69; I33Ip.II; I39Ip.59; Wollé, 44f23; Detl.S.p.493; Herib.p.I33; (Tryblionella, species multae.)----
- " v.amoigia, Grun.-Cl.I33Op.59-5fI1; I39Ip.59; Detl.S.p.499; *Dannf.p.36:*
- " v.Biharensis, Pant.Ip.44-24f222; 2p.73; Notar.I333p.537; Detl.Syll.p.499;
- " v.calida, V.H.S.p.I7I; (Nz.cal.)-
- " v.intermedia, Cl.I33Op.69; Detl.Syll.p.499;
- " v.littoralis, V.H.S.p.I72;
- " v.maxima, Grun.-V.H.S.pl.57fII-I3; T.No.374; Cl.I33Op.69; Detl.S.p.493; Pant.3p. -7fI16;
- " v.Lavidensis, V.H.S.pl.57fI5-I7; T.No.375; Cl.I33Op.70; Vega p. 473; I39Ip.59; Detl.S.p.499; *Dannf.p.36:* (Nz.& Trybl.L.)
- " v.obtusiuscula, Cl.I33Op.69; Detl.S.p.493;
- " v.salinarum, Cl.I33Op.70; Detl.S.p.499; (Nz.sal.)-

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- v. subsalina, Cl. I880p.69: Det. Syll. p.499;
- v. Victoriae, Grun.-V.4.S.pl.57f14; Cl. I880p.69; I881f.11;
Vega p.478; Det. S.p.493: (Trybl. Vic.)---
- v. Yarrensensis, Grun.-Cl. I880p.69; Det. S.p.493:
- TURICOLA, Grun.-Cl. I880p.97; V.4.S.pl.59f14; Det. S.p.542;
Herib. p.172;
- TUMIDA, Hantz.-R. Alg. E. III4 cum icone; R.E.D. p.153: (N. sinuata.)
- VALENS, Ralfs, Prit. p.732-I244; R.E.D. p.152; Det. S.p.536:-(Synedra.)--
- VALIDA, Grun. & Cl.-Cl. I873p.12-3f19; J.M. I879p.33-2f19; Vega p.507;
V.4.S.pl.55f14,9: Villel. p.57; Malaisie; Wolle, 42f1-3; Det. S.p.531:
(N. signa, var.)----
- VENTRICOSA, Kitton.-M.M.J. I873p.206-33f5; Sm. Sp. 1.374; Cl. I873p.13;
I880p.100; Vega p.507; Malaisie; Det. S.p.543: (N. longissima, var.)-
- VERMICULARIS, Hantz.-Raph. Alg. p. No. 339; Prit. p.731; Grun. I882p.571; R.
E.D. p.155; Schum. I869p.66-2f14; Prollius p.68; V.H.S.p.173-74f1,2;
Lake Mich.: Gallik, Papan; Cl. I880p.91; Delohgne; Wolle, 42f12-15; J.
L.S. I884p.245; Spamer, Duren; Det. Syll. p.529; Herib. p.168: Oeshup '97. 35
(N. arculus & lamprocampa; -Sigmatella; -Synedra.)-
- VERMICULATA, Casti. I837p.33-I3f12; Notar. I859p.539; Det. S.p.514;
- VERRUCOSA, O'M.-M.J. I869p.313; Det. Syll. p.554;
- VEXANS, Grun.-V.4.S.pl.57f8; Det. S.p.554:
- VICTORIAE, Dickie & Grun.-Amazon: Herib. p.163: (Trybl. V.4)
- VIDOVICHII, Petit Nimrod; Cl. Vega pp.502,507: (homococladia.)
- VIRGATA, Roper, M.J. I853M.3, f6a,b; Breb. D.C. p.22; Prit. p.730; Carr. p.
81; Br. Verm. p.9; Hull; Sm. Sp. T.375; Cl. I880p.103-6f110; J.R.M.S. I880,
pl. I3f13; M.T.P. I-4-I5; Wolle, 25f16,17: (Hantzschia; -Pritchardia.)-
- VITREA, Norman.-T.M.S. I861p.7-2f4; Grun. I862p.536; Carr. p.31; Hull;
R.E.D. p.152; Cl. I873p.27; I880p.93; Vega pp.481,502; Sm. Sp. 1.376;
V.H.S.p. I81-67f10,11; Dannf. p.33; Belloc, Luchon; Wolle, 42f16,21,23;
Det. Syll. p.536; Herib. p.170:
- v. Filmarctica, Grun.-Cl. I880p.94-6f106; Vega p.431; Det. S.p.537;
- v. Gallica, Bn.-Herib. p.170-5f1,2: ranging over 12
- v. Kerguelensis, Grun.-Det. Syll. p.537;
- v. major, Cl. I880p.94; Nares; V.4.1. No.402; Brun & T. p.73;
Det. Syll. p.537;
- v. recta, V.H.S.p. I82-67f17,18; Det. Syll. p.533;
- v. forma majuscula, Det. Syll. p.537;
- v. salinarum, Grun. I882p.563; R.E.D. p.152; Dillel I870p.4:
Cl. I880p.94; V.H.S.p. I82; Det. Syll. p.537;
- VIVAX, Hantz.-Reaw. Vol. 2. 38-3f4: (Hantzschia.)-
- VIVAX, S.B.D. 1.41-3f120; R. Alg. E. No. 947; Grun. I882p.535; Reaw. Vol. 2,
p.35; Prit. p.730; Carr. p.31; V.H.S. 1.62f1,2; T. No. 339; Cl. I880p.33;
Vega p.506; Shark River; Wolle, 41f14,15; Malaisie; Det. S.p.522;
(N. ambroxys, var., & Nystromii.)-- for the 27th p. 17
- v. hyperborea, Grun.-Cl. I880p.35-5f104; Det. S.p.523;
- WALLICHIANA, Petit, Cap Horn p.127-I0f9; Notar. I883p.323; Det. S.p.547;
- WANKARAMAE, Cl., Vega p.479-33f11; Det. Syll. p.511;

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WEISSBOGII, Grun.-Cl. I878p. I3; I880p. 3I; Del. Syll. p. 5I7:-(Perrya.)---
 " var. "a" subglabrata, Cl. I873p. I3-4f22; Del. S. p. 5I7;
 " var. "b" sparsa, Grun.-Cl. I880p. 3I; I873p. I3-4f23a: Del. S. p. 5I7;
 " var. "g", interrupta, Cl. I873p. I3-4f23b: Del. S. p. 5I7:

NITZSCHIELLA.-(Kütz., 1864)

ACICULARIS, Rabh. E. D. p. I64; Borse. pl. If I2; Prollius p. 33; Pharm. Cent.
 I880p. 440; Tanarek I879p. 50, f29:-(Ceratoneis; -Nitzschia; -Synedra.)---
 " v. closterioides, Grun. I R. E. D. p. I64; *Synedra*
 CLOSTERIUM, Rab. E. D. p. I63, f43a-c; Reinhard; *synedra*
 (Ceratoneis; -Homoeocladia; -Nitzschia.)-
 CLOSTERIOIDES, Schum. H. T. p. 30-If I7; M. M. J. I875p. 3-I09f I4; N.
 (N. acicularis, v.)--
 GRACILIS, Breb.-Rab. E. D. p. I64; (Ceratoneis; -Nitzschia taenia.)
 HAMATA, Rabh. E. D. p. I64: (Synedra.)
 LONGISSIMA, R. E. D. p. I64; Malaisie:-(Ceratoneis; -Nitzschia birostrata.)
 REVERSA, R. E. D. p. I64, f43d; Malaisie: (Ceratoneis; -Nitzschia.)-
 " var. major, Grun.-R. E. D. p. I64;
 SPIRALIS, R. E. D. p. I64, f43f; (Ceratoneis.)--
 SUBULATA, Rab. E. D. p. I65: "
 TAENIA, Rab. E. D. p. f43e: (Nitzschia t.)-

NOTHOCERATIUM.--(Defl. in 1891)

FORRESTERIUM, Tempere.-Del. Syll. p. 9I6: (Triceratium.)-
 INSUTUM, Castr.-Del. S. p. 9I5: (Tricerat)
 MULTIPLEX, Jan.-Del. S. p. 9I6:-(Tric.)----
 PARALLELUM, Grev.-Del. Syll. p. 9I5: (Tric.)---
 POLYGIBBUM, Pant.-Del. S. p. 9I6: "
 POLYGONIUM, Grev.-Del. Syll. p. 9I5: "
 PORTUOSUM, Jan.-Del. S. p. 9I6: "
 RETICULATUM, Grev.-Del. Syll. p. 9I5: "
 SCHMIDTII, Jan.-Del. Syll. p. 9I6: "
 " var. pustulata, A. S.-Del. S. p. 9I6: "
 SEXANGULATUM, Grev.-Del. Syll. p. 9I4: (Triceratium.)
 SEXPARTITUM, Grove & Start.-Del. Syll. p. 9I6: "
 STRABO, A. S.-Del. S. p. 9I6: "
 TAMIENSIS, Castr.-Del. Syll. p. 9I5: (Triceratium.)-

NOVILLA.--(Kütz., 1864)

BRIGHTWELLII, Cleve I868p. 234: (Sarirella B.)-
 FASTUOSA, Cl. I868p. 234; I873p. I2; Java p. II: "
 GEMMA, Heib. p. IOI; Cl. I868p. 234: "
 LATA, Cl. I868p. 234: "
 NOBILIS, Cl. I868p. 233: "
 OVALA, Heib. p. IOI; Cl. I868p. 234; I867p. 336: Lagr. I873p. 47: (Sar.)
 PINNATA, Lagr. I873p. 47: "
 SPLENDIDA, Cl. I868p. 233: "
 STRIATULA, Heib. p. IOI; Cl. I868p. 234: (Sarirella s.)-

- , Meneg. A.N.D. p. 433;
 -, DeToni, Oss. Bac. Tass. I390p. 911;
 ACUTA, (E.)-Grun., V. 1. S. (Tricratiim.)-
 AFFINIS, Grun.-V. 1. S. pl. I03f3, 4: (Tric.)---
 AMPHICEPHALA, (E.)-Ash. 3er. I315p. 333; K.S.A.p. 107; Del. S. p. 600:-(Bidd.)
 ANGULATA, A.S.-DeT. Syll. p. 369: (Bidd.)---
 ANTEDEILOVIANA, (E.)-V. 1. S. - (Amphitetrax; -Tricratiim.)-
 APTERA, (E.)-Grun., V. 1. S. pl. I03f3, 4: (Bidd.)---
 I37-29f33; K.S.A.p. I33; Prit. I352p. 470; Bren. D.C. p. 19; Bidd., I371;
 Roper, Thomas; DeT. S. p. 332;
 (Bidd.)---
 v. mirina, Grun.-DeT. S. p. 363: (Bidd. aur., v.)-
 v. minor, Grun.-DeT. S. p. 363: (Bidd. aur., v.)-
 BARBADENSIS, Grev.-DeT. Syll. p. 369: (Bidd.)---
 BICDULPHOIDES, Wyand.-Hedw. Vol. 2p. 45-7f21:-(Bidd. & O. p. 112, v.)---
 BIROSTRUM, Br.-DeT. S. p. 363: (Bidd.)--
 BORIANA, Pant. 2p. 37; 3p. -369; 24f337; DeT. S. p. 365;
 BRITTONIANA, K. & S.-DeT. S. p. 363:-(Bidd.)
 CALIFORNICA, Grun.-V.H.S. (Tric.)--
 CONSIMILIS, Grun., V. 1. S. -(Tric.)---
 COOKIANA, K. & S.-DeT. Syll. p. 363: (Bidd.)---
 CORNUTA, Grun.-V.H.S. -(Tric.)-
 DECORATA, Grev.-DeT. S. p. 367:-(Bidd.)
 DESMIDIUM, Cole, Essex;
 DISCIGERA, H.V.H.S.-DeT. Syll. p. 369: (Tric.)--
 DISSIPATA, Gro. & St.-DeT. S. p. 363: (Bidd.)--
 EDWARDSII, DeBiger.-Grun. I334p. 5-2f20; DeT. S. p. 363:-(Bidd.)--
 ELEGANS, Grun.-V.H.S.-DeT. S. p. 369:-(Tric.)
 EXPEDITA, A.S.-DeT. Syll. p. 369:-(Bidd.)--
 FAVUS, H.V.H.S. (Tric.)---
 FENESTRATA, Grun.-DeT. S. p. 369:-(Bidd.; -Auliscus of Atlas I25fII-I3;)
 GALLAPAGENSIS, Cl.-DeT. Syll. p. 364; (Bidd.)--
 GRANULATA, (Bidd.)--
 HEIBERGII, K.S.A.p. I33; Grun. I334p. 7-5f30; (Denticella laevis.)-
 var., H.V.H.S. pl. II4fIO, II; (Bidd. Tuomeyi.)
 LAEVIS, K.S.A.p. I33; (Bidd.; -Cerataulus; -Tric.)---
 MADAGASCARENSIS, V.H.S. (Tric.)---
 MAMMIFERA, V.H.S. (Tric.)-
 MAMMOSA, Grev.-DeT. Syll. p. 367: (Bidd.)-
 MANCA, A.S.-DeT. Syll. p. 369: (Bidd.)---
 MINUTISSIMA, Grev.-DeT. Syll. p. 367: (Bidd.)
 MOBILIENSIS, Bailey M.O. -.3: (Bidd.; -Zygoceros.)-
 NEOGRADENSIS, Pant. Ip. 47-24f218; 2, p. 33: Notar. I333p. 542;
 DeT. S. p. 365: (O. Roperiana, v.)
 OAMARUENSIS, Gro. & St.-DeT. S. p. 367: (Bidd.)--
 OBTUSA, K.B.p. I37-I3f3(I-3, 6-3): K.S.A.p. I33; Atlas I22f30, 3I;
 Wollé, 32f23, 24; DeT. S. p. 363; (Bidd. aurita & o.)--
 PEDALIS, Gro. & St.-DeT. S. p. 363: (Bidd.; -Grovea.)---



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- PLANA, A.S.-Det.Syll.p.369:- (Bidd.)--
 POLYCANTHOS, Bn.-Det.S.p.365: (Bidd.)--
 POLYMORPHA, K.B.p.I38-29f30; K.S.A.p.I36; Mont.Syll.p.473; Prit.
 I352p.470; Schum.I367p.30; Det.Syll.p.369:
 (Isthmia; -Bidd. & Cerataulus laevis.)--
 POLYMERA, Rab.E.D.p.30,f88; Det.S.p.369; K.S.A.p.I37; -(Cerataulus.)---
 PRIMORDIALIS, Bn.-Det.S.p.364; (Bidd.)
 PYGMAEA, Pant.3p. -35f493;
 RETICULATA, Roper.-Det.S.p.363: (Bidd.)--
 RHOMBUS, K.S.A.p.I36; Det.S.p.370: (Bidd.; -Denticella.)
 ROPERIANA, Grev.-Det.Syll.p.368: (Bidd.)-
 SEPARANDA, A.S.-Det.S.p.369: (Bidd.)--
 SMITHII, Ralfs.-V.H.S.- (Cerataulus.)-
 SUBAEQUA, K.B.p.I37-I3f8(4,5); K.S.A.p.I36; Det.S.p.364;
 (Bidd.aurita, & s.)-
 " v.Baltica, Gn.-Det.S.p.365: (Bidd.s.,v.)---
 SUBLAEVIS, Gn.-Det.S.p.369:- (Bidd.)
 TENTACULIFERA, Cl.-Det.S.p.367: (Bidd.)---
 TUBULOSA, Bn.-Det.S.p.365: (Bidd.)---
 TUMIDA, K.S.A.p.I37; Det.Syll.p.369: (Bidd.; -Denticella.)-
 TURGIDA, K.B.p.I37-I3f8(9); K.S.A.p.I36; Prit.I352p.470; Det.Syll.
 p.364: (Bidd.t. & granulata; -Cerataulus; -Denticella.)----

ODONTELLA-LAMPRISCUS.-(Lampriscus)

- SHADBOLDTIANUS, Grev.-Grun.,V.H.S.pl.I03f5,6: (Triceratium.)-
 " v.pentagona, V.H.S.pl.I03f7:

ODONTIDIUM.-(Odontidium)

- , Men.A.N.D.p.330: -, Pfitzer p.I20; Bory de Saint-Vincent
 -, L.W.B., Amer.Nat.I363p.510-I3f21: -, Tanarek I379p.54:
 ACUTUM, Schum.I362p.I34-3f9: (Fragilaria.)--
 ALPIGENUM, Kerner.-Rabh.Alg.E.No.I765; Hedw.Vol.4p.56; Erbarium
 Crittog.Ital.No.I35; (Diatoma hyemale.)---
 AMPHICEROS, K.S.A.p.I3; Prit.p.776; R.E.D.p.II7; Det.S.p.341: -(Frag.)-
 ANCEPS, Ralfs, Prit.p.776; R.Alg.E.No.303; Schum.I.I.p.57:
 R.E.D.p.II6; Italy; Sm.Sp.1.377; Brun Alp.p.II5;
 (Diatoma; -Frag.capitata, a., & pteridium.)--
 " v.anomala, Brun Alp.p.II6-4f6: (O.an.)---
 " forma intermedia, R.E.D.p.II7: (Frag.leptocephala.)
 " form.longissima, R.E.D.p.II7:
 " for.minor, R.E.D.p.II7: (O.anomalum,"g".:-O.capitatum.)----
 " f.ventricosa, Schum.-R.E.D.p.II7: (Frag.v.)-
 ANNULATUM, Corda, Almarach Carlsbad.- (Syrinx.)--
 ANOMALUM, S.B.D.2p.I6-31f373; A.M.N.1.I350p.49-4f7-9; I363p.7-I3f3;
 Prit.p.776; Grun.I362p.357; Carr.p.79; O'M.I.D.p.237;
 (Diat.anceps,v.)---
 " v.curta, Grun.I362p.353: -(O.capitatum.)----
 " v.longissima, Grun.I362p.357-7f4; Sm.Sp.1.No.379:
 BALDICKII, Btw.-M.J.I359p.I30-9f10:
 (Achnanthes; -Dimeris; -Nitzschia.)

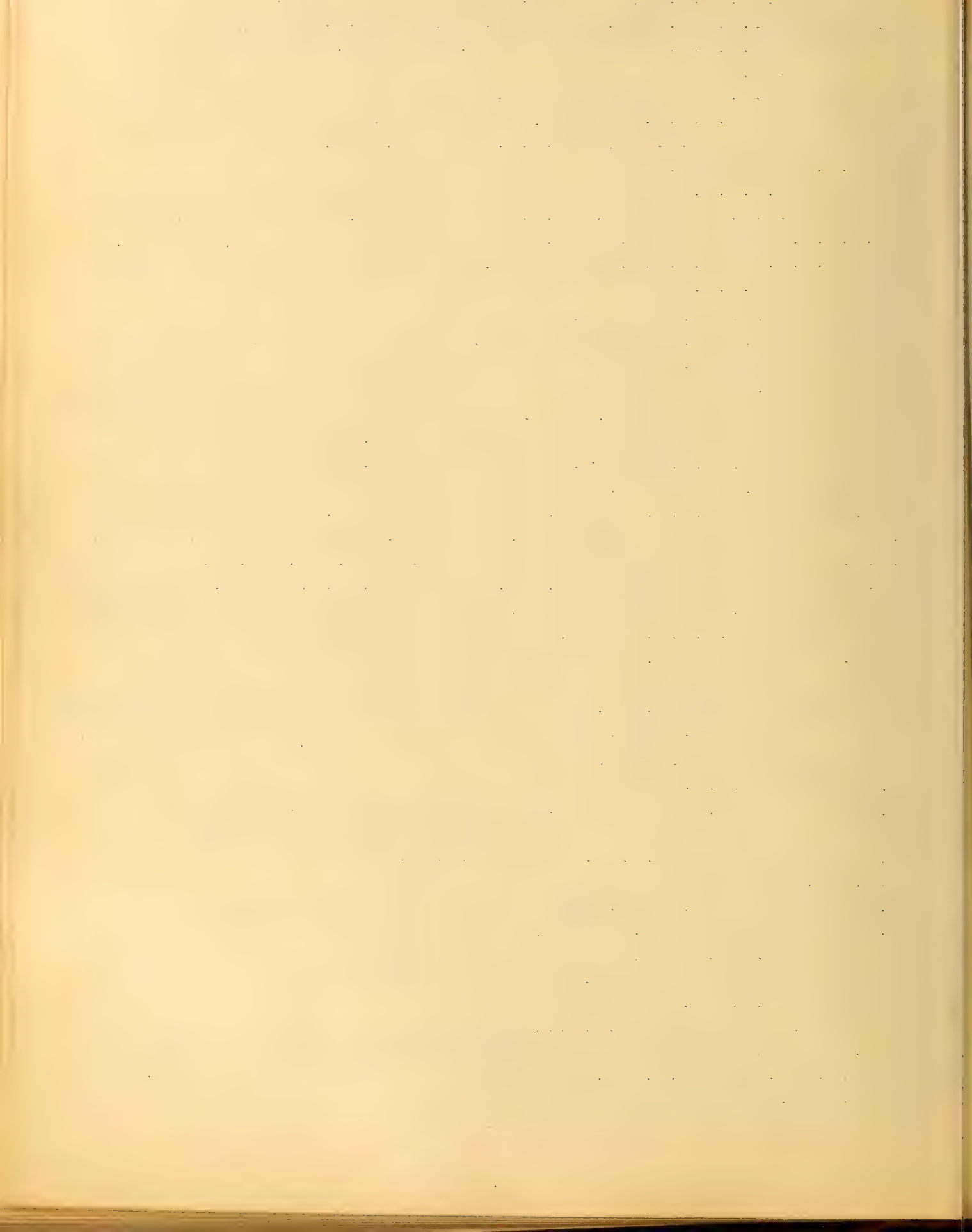
hyemale,

" var. "a" genuina, Grun. 1862p. 356:

marinum, Grun. 1862p. 358-8f23a, b:

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- BINOBE, Rabh.-K.#1.p.31: (O.tacellaria, "b", W.S.: -Fragilaria.) ---
- BOGOTANUM, R.S.D.p.34-2f3; Prit.p.775; R.E.D.p.II7: (O.hym.v., & mesodon.)
- CAPITATUM, Rab.S.D.p.34-10fI7; Prit.p.775: Grn.I332p.353;
 Prollius p.33: (Diatoma
 anceps; -Frag.c. & leptacephala; -O.anomalum, v., & chamocephalum.) -
- CHAMOCEPHALUM, R.S.D.p.34-10fI6: (O. & Frag.capitata; -O.hymale.) ---
- CRETAE, Ralfs, Prit.p.776; R.E.D.p.II7; Det.Syll.p.341;
 (Frag.c. & paradoxa.) ---
- ELEGANS, O'M.I.D.p.233: (Denticula e. & ocellata.)
- GLACIALE, K.B.p.44-17f13; K.S.A.p.I2; S.I.C.2, p.I3: Brugger p.279;
 Rab.S.D.p.34-2f5; Schum.I331, I7: (D.hymale.) ---
- GLANS, K.B.p.45; K.S.A.p.I3; Prit.p.776: (Frag.: -Tetracyclus; -Navic.) -
- GRANDE, Rabh.S.D.p.33-2fI:
- GRANULATUM, K.S.A.p.I3; Prit.p.776; Det.S.p.341: (Fragil.) -
- HARRISONI, S.I.C.2, p.I3-50f373; Grn.; Mill; Brugger p.279; R.S.D.p.
 II9; Girard Boss.p.I2-2fI5; Kirch.Alg.Schlies.p.205; Sm.Sp.1.No.
 330; Det.S.p.339; Malaisie; (Diatoma; -
 Biblarium leptostauron; -O.(Frag. & Dimerogramma) H., informe & pinnatum)
 " formae mediocris, minima & minor, Rabh.-Det.Syll.p.340;
 " var."b", Roper.-T.M.S.I354, 77-3f3; S.I.C.2, p.I3-50f374:
- HYEMALE, K.B.p.44-17f14; K.S.A.p.I2; R.S.D.p.34-2f4a, b; Brugger; S.I.
 D.2, p.I3-54f239; A.M.M.H.I357p.9-1fI0; R.Alg.Nos.42I, 354, II0; Prit.
 p.775-9fI72; I3f24, 25; Brugger p.279; Grn.I332p.353; Carr.p.79; R.
 E.D.p.II6, f33; Roper, Thames; Schum.H.T.p.55; R.Bac.Exs.No.4: O'M.I.
 D.p.237; Kerguelen; Italy; Cl. & M.No.23I; Sm.Sp.1.33I; M.T.P.I-3-I2 &
 I3; Prollius p.77; Tanarek I379p.54, f33; Delogne; Hoffmann, Marburg;
 Wolle, 43f5, 6; A.M.M.J.I39Ip.1.If20; Brun Alp.p.115-4f2
 (Frag.confervoides, h., striata; turgidula; -Diatoma; -Tetrachium; ---
 Melosira Heuffleri; -O.chamocephalum & turgidulum.)
- " forma minima, Rabh.E.D.p.II3: (O.glaciale & turgidum
 " " minor, Rabh.E.D.p.II6: (O. & Frag.mesodon.)
 " v.diatomacea, Grn.I332p.357; (Diatoma mesodon.) --
 " v.glaciale, M.T.P.I-3-I4;
 " v.mesodon, Grn.I332p.357; M.T.P.I-3-I5; Brun Alp.p.II3-4f7;
 Italy; (O.Bogotatum; -O. & Frag.mesodon.) ---
 " v.rotundata, Rab.Alg.E.No.I034; R.S.D.pl.2, f4c:
 R.E.D.p.II6; Spamer, Duren;
 " v.turgidula, Grn.I332p.356; (O.glaciale & t.) ---
 " v.turgida, Brun Alp.p.II7-4f2:
- INFLATUM, O'M.I.D.p.233: (Denticula crassula & i.)
- INFORME, W.S.-A.M.M.H.I357p.I0-2fI2; (Dimerogramma; -O.Harrisoni, v.)
- LEPTOCERAS, K.S.A.p.I3: (Frag.: -Dimerogramma)
- MESODON, K.B.p.44-17fII; K.S.A.p.I2; S.I.C.2, p.I3-54f35; R.S.D.p.34-2f
 2; R.E.Ex.No.32; Brugger; Prit.p.775; Brugger p.230; Grn.I331, 337;
 Schum.H.T.p.55; O'M.I.D.p.237-27fI3; Sm.Sp.1.No.332; Spamer, Duren;
 Hoffm.Marb.; Wolle, 43fI-4;
 (Diatoma & Frag.hymaleis; -Frag.; -O.Bogotatum & hymale.) ---



(*Frag. mitabilissima*; -O. Harrisoni, var., & Harrisonii, var.; v. i. ---
MUTABILE, S.B.D. 21. I7-34f290; Grun. I352p. 339; Schum. I364p. 7-2f38arg;
New Zealand; Coll. p. 79; Alcock, Bactr. Mill: O' .I. .I. .I. .I. .I. .I. .I. .I. .I. .I.
Sp.T.Nos. 333, 692; Nylander, W.: Wolle, 43f7-I2; Vinnard; Malaisie;
Kirch. Alg. Schl. p. 204; Det. Syll. p. 339;
(Diatoma m. & tenue: -Dimeregramma; -Frag. amphioxys, bipunctata,
diophthalma, m., pinata, punctata, unguiculata.) --
v. intermedia, Grun. -Det. Syll. p. 339; (*Frag. binodis*, v.)
v. genuina, Grun.-Kirch. Alg. Schl. p. 205; Det. S. p. 339;
v. diatomacea, Grun. -Det. S. p. 339; (*Frag. rot.*, var.) ----
NODULOSUM, K.S.A.p.I3; Prit.p.775; Det. S. p. 64f; (*Frag.*) ---
PARASITICUM, S.B.D. 21. I9-34f375; Grun. I352p. 37f; (Grunow, 1859; Mill:
Sm.Sp.T.No. 333 sub; (*Frag. binodis*, constrictus, f., & varieta; *Syll.*
var. "b", S.B.D. 2p. 24: -(*Frag. par.*)
PINNATUM, K.B.p. 44; K.S.A.p. I3; Prit.p.775; Italy;
(*Frag. mutabilis* & p.; -O. mutabile.)
PINNULATUM, K.S.A.p. I3; Prit.p.775; R.E.O.f. II7; Det. S. p. 640: -(*Frag.*) -
POLYEDRUM, K.S.A.p. I4; Prit.p.775; Det. S. p. 640; (*Frag.*) ---
PUNCTATUM, Btw.-M.J. I359p. I30-9f9; Det. Syll. p. 640;
ROTUNDATUM, K.S.A.p. I3; Prit.p.775; Schum. I364p. I7; R.E.O.f. II7;
Det. S. p. 640; (*Frag.*) -
SALISBURGHENSE, Rabh. S.D. p. 34-2f7: -(O. & Frag. Harrisoni; -O. minimum.) ---
SINDATUM, D.M.I.C.f. 235: -(Cinctella, Dimeregramma, Grunowia, Nitidula.) -
SPECIOSUM, Btw.-M.J. I359p. I30-9f9; (*Dimerogramma*; -Frag.) +
STRIOLATUM, K.B.p. 43-2f120; K.S.A.p. I3; R.E.O.f. 34-2f7; Prit.p.775;
Stauron, Duran; (O. (*Frag.* & Diatome) mutabilis; -Frag. l. & pinata.) ---
SYRIACUM, K.B.p. 45; K.S.A.p. I3; Prit.p.775; R.E.O.p. II7;
Det. Syll. p. 640; (*Frag.*) ----
TABELLARIA, S.B.D. 2p. I7-34f29I; M.J. I354p. IOI-4f22: Wolle, 43fI5-20;
S.G. I337, p. I3I, fI3I, I33, I35, I36; Amazon; Malaisie;
(Dimeregr.; -Frag. & Stauronira constrictus; -O. binode.) --
var. "b", S.B.D. 2p. I7-34f29 Ib; (*Frag. binodis*.)
var. (sporangial), Greg.-M.J. I354p. IOO-4f22a: Lewis, w.M.O.p. I3-
2fI, 2: (*Frag. mutab.*, v.) ---
TENUE, K.B.p. 44-I7f2; K.S.A.p. I2: R.S.O.p. 34-2f3; M.O.pl. I3fI4;
Schum. I364p. I7; Ebert, Cassel; Macdonald pl. IOf7; Prollius p. 77;
Hoffmann, Marburg; (*Frag.*; -O. hyemale.) -
VENTRICULOSUM, Schum. I362p. I34-3fIO; I364p. I7-2f4; -(Diatoma anceps.) -
VULGARIS, Borg.-Piltzer p. I20-3f10: (*Oligoceros* v.) ---

ANGLICUS, O^p. I.O.p. 270-276; -(Syst. of parts); -Thes. P. 112. 113. 114. 115.
 BARBADUS, Gr.v. - Thes. 112. 113. 114. 115. 116;
 CERVATULIS, Gr.m. - Cl. V. 1. 433; (Cose. cl. v. t., v. Variat.) -
 v. Variat., Gr.m. - Cl. 133p. 113; -(Cose. cl. v. t., v. Variat.) ---
 ECCLESIASTICUS,

EXCENTRICUS, E.-Abh.Ber.1345p.79; Mik.pl.35A-13fII; V.S.A.p.129;
 Prit.p.332-5f90; R.Alg.Eur.Nos.2149, 2235, 2433-2437, 2553; E.Nord.p.
 94-2f26; Weisse Gu.p.307-2f54; M.D.pl.43f32; Carr.p.94; O'M.I.D.p.
 270-27f5; M.T.P.4-I-7; (Cosc.ex.)
 GRANULOSUS, Grm.-Cl.1330p.II2; (Coscinoisens.)
 HIBERNICUS, O'M.I.D.p.271-27f7; (Coscino.)----
 HYALINUS, Grm.-Cl.1330p.II3; (Coscino.)-
 PELLUCIDUS, Grm.-Cl.Vega p.433; (Cosc.)--
 POLYACANTHUS, Grm.-Cl.1330p.II2-7fI27; (Cosc.)--
 SPICA, E.-Abh.Ber.1345p.79; V.S.A.p.129; Prit.p.332;
 (Cosc.odontodiscus, v.)--
 SUBTILIS, Grm.-M.T.P.4-I-3; Wollp.34f7; (Cosc.Normannii, Grm.)---
 URANUS, E.-Abh.Ber.1345p.79; V.S.A.p.129; Prit.p.332;
 (Cosc.odontodiscus.)----

ODONTOTROPIS. - (Fleming, 1872) -

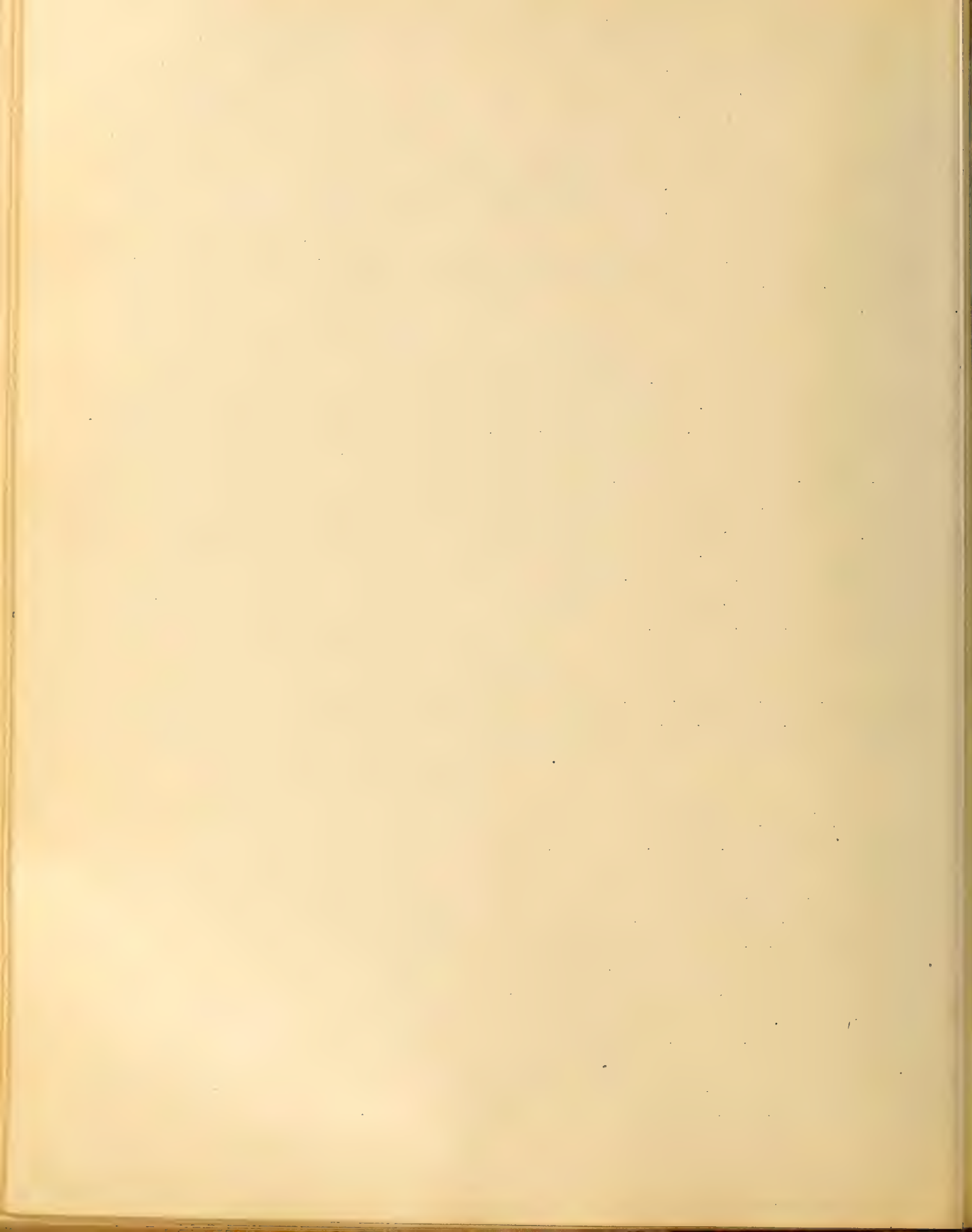
-, De Toni, Oss. Macr. 1900p.911;
 BIROSTRATA, Pant.2p.34-17f235; 3pl.14f214; DeT.S.p.332:-(Non-Diat.)---
 CALAMUS, Brn & Temp.-DeT.Syll.p.331; (Biddulphia.)-
 CARINATA, Grm.-J.D.C.1370pl.14f12, 13; Cl. & M.No.147;
 Grm.1334p.7; DeT.S.p.331; (Biddulphia)---
 CRISTATA, Grm.1334p.7-2123; 3132; V.S.A.p.10214; DeT.S.p.331;
 (Odontella; -Bidd.cr. & flammata.)-
 HYALINA, Witt, 1335p.29-912; Pant.2p.34; DeT.S.p.331;
 LONCISPINA, Grm.-DeT.S.p.331; (Bidd.)---
 TENNICORNIS, Crev.-DeT.Syll.p.331; (Bidd.)-
 VITREA, Pant.3pl.33f535; (Non-Diatomaceus.)-

ONEDENIA. - (Fleming, 1872) -

CRETAE, E.-DeT.Syll.p.230; (Amphiplena; -Eunotia.)---
 INLEXA, Etl.-V.S.A.No.157; DeT.S.p.229; (Amphiplena; -Eunotia.)--
 JAPONICA, Smith, et. - DeT.Syll.p.229; (Amphiplena.)----

OMPHALOPELTA. - (Fleming, 1872) -

-, Castr.1337p.130-16f3;
 ANTARCTICA, Castr.1337p.129-7f2; Notar.1339p.759; DeT.S.p.1391:-
 (Actinoptychus.)---
 AREOLATA, E.-Abh.Ber.1344p.270; Mik.pls.33-13fI7; 35A-13fI2; V.S.A.p.
 133; Prit.p.341-3fI5; M.D.pl.43f55; Weisse Gu.p.307-2f55; O'M.I.D.
 p.255; Sm.Sp.T.335:-(Actinoptychus; -Actinop. & Sm. 1310, 1311.)--
 CAPENSIS, E.-Abh.Ber.1333p.336; (actinopt)
 CELLULOZA, E.-Abh.Ber.1344p.270; V.S.A.p.133; Prit.p.341;
 Sm.Sp.1.No.334; (Actinoptychus.)---
 JAPONICA, Castr.1337p.129-11fI4; DeT.S.p.1392; Not.1339p.759:-(")
 JUVENASIS, Crev.-V.S.A.1335p.122-11fI4; (Actinopt.)-
 PAPUA, Castr.1337p.131-13f9; Notar.1339p.759; DeT.S.p.1392:-(Actinopt.)--
 PUNCTATA, Abh.Ber.1344p.270; V.S.A.p.133; Prit.p.341;
 (Actinoptychus sumissimis.)--



SHRUBSOLIANA, Castr. I337p. I3I-23f2; Not. I339p. 730; Det. Syll. p. I392;

(Actinoptychus.) ---

VERSICOLOR, E. - Abh. Ber. I340p. 270; K.S.A.p. I33; Prit. p. 64I;

Sm. Sp. I. No. 336;

(Actinopt.) ---

OMPHALOPSIS. - (E. v. 1840) -

AUSTRALIS, Grev. - Trans. Bot. Soc. Edinb. I333p. 537-541f10, II; Fortm. Cay.

p. 53; Det. Syll. p. 717; (Thalassiothrix.)

(Thalassiothrix.) ---

OMPHALOTHECA. - (E. v. 1840) -

AMPLIATA, E. - Mik. p. I27; Det. Syll. p. I425;

(Xanthiopyxis.)

HISPIDA, E. - Mik. p. I27, pl. 35A-9f4x; Prit. p. 365-3f44; Det. S. p. I425; - (') -

JUTLANDICA, Grun. - V. i. S. p. I. 33f12; T. No. 449; Det. S. p. I425; (Xanthi.)

' forma minor, V.H. Type No. 450;

LAEVIS, E. - Mik. p. I40; Det. S. p. I425; - (Xanthiopyxis.) ---

ONCODISCUS. - (Bailey, 1840) -

APICULATUS, Bailey, Collection;

(Coseinodiscus a.) --

ONCOSPHAENIA. - (E. v. 1840) -

-, E. - Mik. I353p. 38;

CARPATICA, E. - Abh. Ber. I345p. 79; K.S.A.p. II; R.S.D.p. 6I; Prit. p.

763-3fI; R.E.D.p. 293; Det. Syll. p. 644;

(Gomphonema; -Meridion.) ---

OPEPHORA. - (E. v. 1840) -

MARINA, Petit, Cap. torn p. I3I; Pellet. Diat. p. 33; Det. Syll. p. 643;

(Meridion; -Sceptroneis; -Thalassiothrix.) ---

PACIFICA, Grun. - Petit, Cap. torn p. I3I; Det. S. p. 643;

(Fragil.) -

PINNATA, E. - Petit, Cap. torn p. I3I; Det. S. p. 649;

SCHWARTZII, Grun. - Petit, Pellet. Diat. p. 33; (Frag.; -Sceptroneis.) ---

OPHIDOCAMPA. - (E. v. 1840) -

CROCODILUS, E. - Abh. Ber. I369p. 5I;

(Eunotia.) --

DENARIA, E. - A. Ber. I369p. 5I, pl. 2-2f3;

DUODENARIA, E. - Abh. B. I369p. 5I, pl. 2-2f10;

NONARIA, E. - A. Ber. I369p. 5I, pl. 2-2f10;

OCTONARIA, E. - A. Ber. I369p. 5I, pl. 2-2f6;

QUATERNARIA, E. - Abh. B. I369p. 50, pl. 2-2f2;

QUATUORDENARIA, E. - Abh. Ber. I369p. 50, pl. 2-2f12;

QUINARIA, E. - A. Ber. I369p. 50, pl. 2-2f3;

QUINDENARIA, E. - Abh. B. I369p. 50, pl. 2-2f13;

SENNARIA, E. - A. Ber. I369p. 50, pl. 2-2f4;

SEPTENARIA, E. - A. Ber. I369p. 50, pl. 2-2f5, 17;

(Eunotia; -Sceptroneis.) ---

TAPACUMAE, E. - Abh. Ber. I369p. 52;

(Eunotia.)

TENNARIA, E. - A. Ber. I369p. 50, pl. 2-2f1;

TREDENARIA, E. - Abh. B. I369p. 5I, pl. 2-2f11;

UNDENARIA, E. - Abh. Ber. I369p. 5I, pl. 2-2f9;

Species omnes ascripturae ad Genus "Amphicarpa", Linn. --

+ hirsutella, J. R. C., 192 p. 27-3, f. 5-11.

Gymneta, R. - (Mastigloia) -

_____, C. - (Mastigloia).

Paltonophora.
A. L. S. p. 38;

Dysamphora.
Subgenus Amphorac - Vide Cl. Nov. 2 p. 125; 1893.

Pallanilla.
A. L. S. p. 17;

Pandurella.
Same as above - p. 26;

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- KUTZINGIANA, Thwaites.-Heib.p.31; Cl.1863p.217;
(Cyclotella K. & operculata, v.)---
INTERJECTA, Jan.-Atlas 173fl-3;
ITALICA, E.-Carr.1.91; (Melosira; -O. spinosa; -O. roseana.)
MARINA, S.B.D.2p.59-53f333; Breb.D.C.p.8; Lewis N. & R.S.p.71;
Roper, Thames; Mull: O'M.Keiguelen; Reinhard; Mobile;
(Melosira; -O., Mel., & Paralia sulcata; -Paralia.)
MIRABILIS, S.B.D.2p.63; T.M.S.1863p.39; Carr.p.91; Deby D.T.p. ;
(Liparolyra usneformis; -Mel. Roseana.)
NIVALIS, Kitton.-Mull; S.G.1863p.37, fl72; -(Mel.; -Coscino. minor.)
OCEANICA, Btw.-M.J.1860p.96-6f16; Carr.p.92;
(Coscino. minor; -Endietya; -Melosira.)--
OPERCULATA, K.-Heib.p.32; Cl.1863p.217; (Cyclot.)-
ORICHALCEA, S.B.D.2p.61-55f337; Braemar; Mull; Heib.p.31;
Cl.1863p.216; O'M.I.D.p.255; Gallia, Papan;
(Aulacosira crenulata; -Melosira; -Gaillonella, Mel., & O. Italica; -
Gaill. Crotonensis & o.)-
PUNCTATA, W.S.-M.J.1864p.100-4ff13; S.B.D.2p.62-62f339; Mull.p.31;
Cl.1863p.217; Carr.p.91; Mull; O'M.I.D.p.251; Amazon: Strose,
Kleiken p.15-1f32;
ROSEANA, E.-Eul.Sp.1.73; Carr.p.91; O'M.I.D.p.255-25f9;
(Melosira; -O. spinosa.)--
ROTULA, K.-Heib.p.32; Cl.1863p.217; (Cyclotella.)--
SCULPTA, E.-V.H.S.--- (Melosira)
SOL, E.-V.H.Syn.- (Melosira.)
SOLIDA, Eul.-M.T.P.4-6-12; (Mel.)
SPINOSA, W.S.-A.M.N.H.1855p.3-1f12; 1858p.260-4f14-17; S.B.D.2p.61-
61f333; Mull; Deby D.T.p. ; Carr.1873p.14; -(Mel. & O. Roseana.)
SULCATA, Carr.p.91; O'M.I.D.p.252; -(Discosira; -Mel.; -O. marina; -Paralia
TENUIS, Rabh.K.Fl.p.14; Strose Kleiken p.15-1f31; (Melosira.)

ORTHOTROPIS.-(Cleve, 1911)

A Subgenus of Amphiroa; -Cleve, LeD. Vol. 2, p. 53, 1894.---

OSCILLATORIA.-(Greville)

- MAUSCOCLA, Jurgens Alg. Exs. Decad. 4, No. 7: Ag. Corys. p. 11;
(Berkeleya rutilans, v.; -Schizonema lutescens.)---
OCHRACEA, Grev.-Hooker's British Flora; (Melosira.)
PAXILLIFERA, Schrank.-Proc. Acad. Leopold., Vol. XI, pt. 2, p. 534;
(Bacillaria paradoxa.)--

PALMERIA.-(Cleve, 1911)

- HARDMANIANA, Grev.-A.M.N.H. 1865p.2-5f1-4; Sm. Sp. 1. No. 337;
Malaisie; Cl. Vega p. 514;
VULGARIS, Kitton.-Grevillea p. 33 cum icones:-(A'prora. complexa.)

PANTOCSEKIA.-(Greville)

- CLIVOSA, Cl. m.-Part. I, 47-2 f12-5; 1861. 1863. 1865; Part. 2, p. 31;
Det. Syll. p. 1351;

Sulcata Heiberg 1862 p. 33: see also 1897 p. 346.
1897 p. 24:

- , Atlas I75f30, 31, 33, 50-54;
 CONCENTRICA, A.S. Atlas I75f47-49;
 DEBII, Part. 3p. -33f475; Del. Syll. p. I35I;
 HOKKAIDOKANA, Part. 3p. -29f423; Del. S. p. I35I;
 MARINA, W.S. -Heib. p. 33; Cl. I367p. 63I; I363p. 2I7;
 (Orthosira; -P. sulcata.) -
 ONNATA, Cl. I7-V. S. (Mollusca, v.)
 PETROI, Part. 3p. -27f407; Del. S. p. I35I;
 POLYCYSTINICA, Part. 3p. -2If307; Del. S. p. I35I;
 RUSSICA, Part. 2p. 79-27f396; Atlas I75f3-10; Del. Syll. p. I35I;
 SARATOVIANA, Part. -Del. Syll. p. I35I; (Moll. Onnata, v.)
 SEPARANDA, A.S. -Atlas I75f40, 4I;
 SULCATA, E. Cl. I373p. 7; I373p. I3; Lagr. I373p. IO; Deby Pol. p. 20; J.
 Q.C. I365p. I74; I367p. 63; Grun. I334p. 4I-5f35; Atlas I75f15, 16, 24-23,
 32, 33, 35-37, 39, 44, 46, 54, 60, 67; Part. 2p. 79; Del. S. p. I349;
 " v. biseriate, Grun. I334p. 42; Part. 2p. 79; Atlas I75f45; Del. S. p. I350;
 " v. crenulata, Grun. I334p. 42-5f34; Part. 2p. 79; Del. S. p. I350;
 " v. genuina, Part. 2p. 79; Atlas I75f34;
 " v. " formae coronata, plana, radiata, radiolata, Part. 2p. 79;
 " v. hungarica, Part. 2p. 79-I3f295; Del. S. p. I350; 18f107
 " v. " forma coronata, Del. S. p. I350; Grun. I334p. 42; Atlas I75f20, 2I;
 " v. " " hexagona, A.S. Atlas I75fI7, I8;
 " v. " " plana, Del. S. p. I350; Grun. I334p. 42;
 " v. " for. polygona, A.S. Atlas I75fI9;
 " v. " for. radiata, Atlas I75f9, 22, 23, 29; Del. S. p. I350; Grun. I334p. 42;
 " v. " for. radiolata, Del. Syll. p. I350; Grun. I334p. 42-5f35;
 " v. crenulata, forma coronata, Atlas I75f6;
 " v. " forma plana, Grun. I334p. 42; Del. S. p. I350;
 " v. " forma radiata, Atlas I75f7;
 " v. " forma radiolata, Grun. I334p. 42; Del. S. p. I350;
 " v. multifaria, Grun. - Del. Syll. p. I350;
 " v. multifasciata, Grun. I334p. 42; Part. 2p. 79; " v. Sibirica,
 " v. Sibirica, Lagr. I373p. IO; Grun. I334p. 42-5f36; Part. 2p. 79, 30;
 Atlas I75f9, I5; Del. Syll. p. I350;
 " v. Sib., forma coronata, Grun. -Atlas I75fII; Del. S. p. I350;
 " v. Sib., forma radiata, Grun. -Atlas I75fI2-I4; Del. Syll. p. I350;

PARELION. -- (Schubert, 1842)

THUMII, A.S. Atlas I44f59-6I; Del. S. p. 937:-(Ornithocerus magnificus.)--

PENTAPODISCUS. -- (Schubert, 1842)

GERMANICUS, E. -Abh. Ber. I343p. I66; (Eupodiscus quinaris & p.)---

PEPONIA. -- (Schubert, 1842)

BARBADENSIS, Grev. -T.M.S. I363p. 73-7f25; Atlas I44f43, 49;

Ratt. Review p. 673; Del. Syll. p. I370;

LAEVIS, A.S. Atlas I44f50; Del. S. p. I370;

PERACALLIA. -- (Schubert, 1842)

-, Led. Vol. 2, No. 22, p. 220;

Phæoceros.
Subgenus of Chaetoceros: Gran, N. H. P., 1897.

- , A.J.S. I345p. 327-4f I5-I7;
 -, Bailey So. p. I4, f53;
 CAPRA, E. - ~~Mon.~~ Ber. I344p. 271; K.S.A. p. 23; Weisse I344p. 245, f"A";
 M.D. pl. 43f57; Wollé, 64f36; Mik. 18f49; (Dieladia c. & capreolus.) -
 CERVUS, E. - Abh. B. I344p. 271; K.S.A. p. 23; (Dieladia.)
 CHLAMYDOPHTHA, E. - ~~Mon.~~ Ber. I344p. 271; Mik. pl. I349a, b; K.S.A. p. 17; H.
 D. pl. 41f41, 12; Prit. p. 335-3f25; Wollé, 67f15; Del. S. p. I007;
 SEXOGALLICA, Bn. & H. - Herib. p. I33-2f7; 7a, b, c, d;
 TETRACLAZIA, E. - ~~Mon.~~ Ber. I344p. 270; Mik. pl. 33-I3f9; K.S.A. p. 23; H.
 D. pl. 43f56; Prit. p. 335-3f25; Wollé, 67f17-I9; A.J.S. I344p. 1.2f13;
 Pant. 2, p. 74; Del. S. p. I007;

PERISTEPHANIA. - (Ehrh., 1842) -

- BAILEYI, E. - Abh. Ber. I370, pl. 3-I f I3; Wollé, 74f I5;
 EUTYCHA, E. - Abh. B. I344p. 240; Mik. pl. 35B-4b, f I4; Prit. p. 324-5f73;
 M.T.P. 4-I-3; Wollé, 64f I3;
 LINEATA, E. - Mik. pl. 33-I2f22; Abh. B. I370p. 53; Bailey Coll.;
 Prit. p. 324; (Stephanopyxis ambigua.) ----

PERITHYRA. - (Ehrh., 1842) -

- AUSTRALIS, E. - Abh. Ber. I339p. 52, pl. 2-2f I3;
 DENARIA, E. - Mik. pl. 35A-9f5x; Prit. p. 342-3f I9; - (Coscinodis radiatus, v.)
 QUATERNARIA, E. - Mik. pl. 35A-9f5x; Prit. p. 342; (P. denaria, v.) -
 SEPTENARIA, E. - Abh. Ber. I372p. 210;

PERIZONIUM. - (Ehrh., 1842) -

- BRAUNII, Cohn & Jan. Mss., I332 cum icones; Schum. I337p. 53-2f56; M.D.
 pl. 42f42; R.E.D. p. 223, f61; Del. Syll. p. 312;

PEROMIA. - (Breb., 1868) -

- ANTIOHA, C. M. I332p. I40-20f5, 9; Del. Syll. p. 349;
 BORYANA, Pant. 3p. - 3f I26;
 ERINACEA - Bn. & H. - H.S. I333p. 16; J.D.C. I370p. 35-I13; V. t. S. p.
 I45-36f I9; Del. S. p. 349;
 (Fibula; - Gomphonema & Syneura fibula; - Syn. spirulaeformis.) -
 HERIBAUDII, Bn. & Per. - Herib. p. I55-I f I a-c;

PERRYIA. - (Ehrh., 1842) -

- GRUNDLERII, Vitt. - M.M.S. I374p. 213-3f I-3; (Perryia.)
 PULCHERRIMA, Vitt. - M.M.S. I374p. 213-3f I-3; "
 WEISSFLOGII, Vitt. - M.M.S. I374p. 213-3f I-3; "

PHLYCTAEMIA. - (Ehrh., 1842) -

- MINUTA, K.S.A. p. 95; Prit. p. 925; R.E.D. p. 223; (Perryia.)
 MINUTA, K.S.A. p. 95; Prit. p. 925; R.E.D. p. 223; (Perryia.)

PINNULARIA. - (Ehrh., 1842) -

- , E., Abh. Ber. I342p. 337; -, Abh. B. I370p. 1.1b, f52;
 -, Mik. pls. 7-32, f5, 7; 10; -, I3"A" f17;
 -, Mik. 35A-7f I9; -, Mik. 37-2f I4;

- Leptopharia, Cl. Nav. 2p. 86: - (Frustralia.)
 " maxima, Cl. Nav. 2p. 86: - (Navia v. sandwicensis.)
 " sandwicensis, A.S. Atlas 43 f 14 15:
 " for. minor, A.S. Atlas 43 f 23: Cl. Nav. 2p. 86:
 " turgidula, Cl. Nav. 2p. 86: -
 " undulata, Cl. Nav. 2p. 86:
 " anis, Cl. Nav. 2p. 86: Atlas 43 f 18:

Aestuarii, Cl. Nav. 2p. 93-1 f 16:

Amphora,
 " digitus, A.S. - Cl. Nav. 2p. 95: (Amphora d.)

(P. ...; - ... sp. var. ...; - var. ...ana.)
7 " B. ..., Gn. - Cl. Nav. 2 p. 75: - (var. ...)

+ Balfouriana, Gn. - Cl. Nav. 2 p. 80-1f18:

+ ..., (P. ...)

8 " var. stauroneiformis, cl. - a. cl. 1895 p. 11:

Bogotensis, Gn. - cl. Nav. 2 p. 83: - (var. Bog.)

- Borratis, cl. Nav. 2 p. 80: 328-1353 ~~34-35~~

Breissonii, K. - cl. Nav. 2 p. 78: - (T. monomorum, p. p. -

11 " var. notata, Herib. - Cl. Nav. 2 p. 78: - (var. not.; - P. stauroneiformis, p. p.)

+ Brevicostata,

11 " V. Demerarae, cl. Nav. 2 p. 86: -

11 " var. tenuis, a. cl. 1895 p. 7-1f4:

+ cardinalis, Cleve Nav. 2 p. 79-1f12:

+ Clavicularius, Gr. Cl. Nav. 2p. 96: - (Nav. Rath. E. D. p. 221:
" var. javanica, Cl. - Cl. Nav. 2p. 96: -

constricta, of Cl. Nav. 2p. 98 - 1 f 14: -

conspicua, A.S. - Cl. Nav. 2p. 88: - (Nav. con.)

conciata, Cl. Nav. 2p. 97: - (Nav. c.) -

coniformis, - (N. elata.) -

" var. brevior, Cl. Nav. 2p. 97: (Nav. cr. v. brev.) -

" " Seychellensis, Gr. - Cl. Nav. 2p. 97: - (Nav. S.) -

" " Upolensis, Gr. - Cl. Nav. 2p. 97: - (Nav. Up.) -

Coeloceras,

" v. Saricana, A.S. - Cl. Nav. 2p. 90:

" v. Stenerae, Cl. Nav. 2p. 90: atlas 43 f 29:

" v. Stenerae, Cl. Nav. 2p. 90: atlas 43 f 29: (Nav. Stenerae)

: : : : : :

CARDINALIS, E.-S.B.O. p. 55-19f133; Mull; Carr. p. 110; Hill; R.E.O. p. 220; Schum. 1867 p. 575. G. 1863 p. 36, f36; Brin Alg. p. 35-3f23; Cl. 139 Ip. 21: *Cl. nav. 2 p. 94*: (P. episcopalis; -

N. (& Stauroneis) e., & stauroptera; -Stauroneis: *Stauroneis*

CAROLINENSIS, E.-Mik. 1353 p. 71:

CATHARINA, E.-Mik. p. 311:

(Nav.) --

CHILIENSIS, E.-Amer. p. 132, pl. 1-2f2; Mik. pls. 34-11c, f3; 33A-17f3;

R.S.O. p. 42-3f13; R.E.O. p. 224; *Nav. 2 p. 94* (Nav.)

CHILENSIS, Bleisch, 1863; Hedw. Vol. 21. 23-4f1, 2; R. Alg. Eur. No. 33;

(P. borealis, meridensis & lateristriata.) ----

CINCTA, E.-Mik. pl. 10-2f6; R.E.O. p. 226: (Nav.)-

COCCONEIODES, Rabh. S.O. p. 43-6f13; Prollius p. 64; Spamer, Duren;

Hoffmann, Marburg: (Nav. e. & elliptica.)

COCCONEIS, E.-Abh. Ber. 1312 p. 337; Mik. pls. 35A-7f19; 15A, 11f1: (Nav.) --

COLISSII, O'M.-M.J. 1370 p. 202:

COMPLANATA, E.-Nord. p. -2f54;

(Nav.)

COMPRESSA, E.-Abh. Ber. 1360 p. 322:

(Nav.)

CONOPS, E.-Amer. p. 132, pl. 3-7f20; R.S.O. p. 46-6f29; (Diploneis; -Nav.)-

CONSTRICTA, O'M.-M.J. 1377 p. 115-5f3; *Nav. 2 p. 94* (Nav. fortis.) --

COOPERII, E.-Mik. 1356 p. 77:

COSTATA, E.-Amer. p. 132; Mik. pl. 4-2f5; R.S.O. p. 42; R.E.O. p. 225:

(Nav. megaloptera & pleurophora.) --

COUPERI, Bailey M.O. p. 39-2f53; R.E.O. p. 224: *Nav. 2 p. 94* (Nav. D.)

CRABRO, E.-Abh. Ber. 1344 p. 31; Mik. pl. 19f29; R.S.O. p. 46; R.E.O. p.

219; weisse G. p. 307-2f53; *Nav. 2 p. 94* (Diploneis; -Nav.) --

CRATICULA, E.-Mik. p. 201:

(Nav.)

CRIOPHILA, Castr. 1337 p. 26-15f2:

(Nav.)

CRUCIFORMIS, Donkin.-Carr. p. 110: *Cl. Nav. 2 p. 94* (Nav.)

CRUX, E.-Mik. pl. 12f37; R.E.O. p. 224; (Nav.)

CYPRINUS, E.-Amer. pl. 1-2f7; R.S.O. p. 44-3f22; S.B.O. p. 57-13f17;

N. & R.S. p. 71; Mull; Carr. p. 110; Schum. 1867 p. 53-2f50; R.E.O. p. 219;

(Diploneis; -Nav.) --

DACTYLUS, E.-Amer. p. 132, pl. 4-11f3; Mik. pls. 1-3f12; 2-2f4; 2-3f22; 3-4f1;

4-2f1; 4-3f12; 15A, 11f1, 11; 17-2f2; 33-9f7; R.S.O. p. 42-3f3; M.J. 1350,

pl. 1f7; S.B.O. 2, p. 105; Carr. p. 109; Schum. 1867 p. 20-2f20; R.E.O. p. 219;

Dipl. 1, 1370 p. 10-11f12 Carr. 1337 p. 33, f192 sub; Cl. 139 p. 24;

(Nav.; -P. viridis: *P. gigas*, pp. - *N. dactylus* f. form.)

" var. "b", E.-Mik. pl. 16-2f9;

DALMATICA, Rabh. E.O. p. 219:

(Nav.)

DECORA, E.-Mik. p. 311:

(Nav.)

DECURRENS, E.-Amer. p. 132, pl. 3-1f5; Mik. pls. 2-3f4; 4-3f7; 5-2f16;

11f27; 12f13, 13; 35A-6f9; R.S.O. p. 45-3f23; Adelt, Castell; Schum, O.T.:

Hoffmann, Marburg;

(Nav. d. & gibba.)

DECUSSATA, E.-Abh. Ber. 1345 p. 354; R.E.O. p. 226:

(Nav.)

DICEPHEA, E.-Inf. p. 135; Amer. pls. 2-1f19; 2-2f5; Mik. pls. 3-2f12; 4-

7f17; 4-3f5; 5-1f19; 5-1f12; 11f7-9, 13; 17-1f11; 33-14f20; 10-2f6;

35A-3f3; R.S.O. p. 44-3f44; Schum. 1867 p. 133-9f27; Hoffmann, Marburg;

Spamer, Duren;

(Nav. capitata & d.; -P. brevis.)

+ distinguenda, Cl. Nav. 2p. 92: - (Var. *Hyrtlii* & *paripinnata* *trindis*:
P. trindis & var. *dist.*; *cl. Nav. 2p. 92*

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 POLYONCA, Breb.-S.B.D.21.95; Lew.N. & R.S.p.67-2f7; R.E.D.p.219;
 S.G.1333p.83, 164; Cl.139Ip.30; (Nav.mesostyla, v., & f.; -P.undulata.)
 POLYPTERA, E.-Amer.p.133; (Nav. & P.oblonga.)-
 PORRECTA, E.-Amer.p.133; Mik.pls.5-2f14; 6-1f12; R.S.D.p.45:
 R.E.D.p.224: (Nav.)
 PRAETEXTA, E.-~~Abh.~~ Ber.1345p.214; Mik.pl.19f23;
 PREISSEI, E.-Mik.p.4: (Nav.)
 PTEROPALMA, E.-Mik.p.79; (Stauroneis tiscula.)
 PUNCTULATA, Schum.1337p.55:
 PYGMAEA, E.-Mik.pls.10-1f9; 13-2f12; S.B.D.21.103; M.O.1350p.
 3-1f3: (Nav.humilis, hungarica & nana.)----
 QUADRIFASCIATA, E.-Abh.B.1339p.157; Mik.pl.19f25, 27; R.E.D.p.214;
 (Nav.fusca, lineata & q.; -P.mononeis.)-
 QUINQUENODIS, Grun.-Gallik, Papan: (Nav.)
 RABENHORSTII, Hilse 1330p.32; R.E.D.p.211; Hoffmann, Marburg;
 (Nav.; -P.interrupta.)-- *P. minor*; - *Rab. Alg. Sach. #842*:
 RADIOSA, Rabh.S.D.1.43-1f9; M.O.1351p.1-1f12; S.O.S.1.1-13f17;
 Carr.p.110; Roper, Thames; Hall; New Zealand; R.E.D.p.214; Hall; Ebert
 Cassel; Deloge; Hoff., Marb.; Spamer, Duren; Stross, Vl.; *(Nav.)*
 " v.angusta, Rabh.E.D.p.214: (Nav.a.)--
 " v.avenacea, Rabh.E.D.p.214: (Nav.a.)-
 " v.Silesiaca, Bleisch.-R.E.B.p.214; (Pinn.S.)-
 RAEBANA, Casti.1337p.25-15f3; (Nav.)
 RECTANGULATA, Greg.-R.E.D.p.215: *Cl. Nav. 2 p.98*: (Nav.)
 " forma constricta, Rabh.E.D.p.215: *forma subundulata, Grun. Cl. Nav. 2 p.98*:
 " for.triundulata, Rabh.E.D.p.215;
 RHAPHONEIS, E.-Mik.pl.35A-9f7; R.E.D.p.227: (Nav.)
 RHENANA, E.-Abh.Ber.1343p.10; Mik.pl.37f13p.35: (Nav.)--
 ROSTELLATA, Greg.D.C.p.16-1f20; R.S.D.p.44-6f46; Carr.1.103:
 Hoffmann, Marburg; (Nav.apiculata.)----
 ROSTRATA, Greg.-M.O.1353p.4-1f14;

> decurrenda, A.S. - cl. Nav. 2p. 88: - (Nav. A.) -

> semicucinata, A.S. - A. cl. 1895 p. 9: - (Navicula S.)

> inqualaris, A.S. - (cl. Nav. 2p. 86: - (Nav. Fin.))

> Spitzbergensis, cl. - A. cl. 1895 p. 8: cl. Nav. 2p. 82-1 f 13:

" var. stomatophora, cl. Nav. 2p. 82:

> Staurontia, Gn. - cl. Nav. 2. p. 98: - (alloionis; Amphora naviculacea.)

+ Stauroptera,

" var. capitata, A. cl. 1895 p. 8:

" " gibba -, A. cl. 1895 p. 8:

> Stomatophora, v. ornata, A. cl. 1895 p. 8-1 f 3:

" var. continua, cl. Nav. 2 p. 83:

+ Streptoraphe, A.S. - cl. Nav. 2p. 93: - (Nav. streptoraphe, v. stabilis: -)

" v. styliformis, Gn. - cl. Nav. 2p. 93: - (Nav. styl.) -

> " v. minor, cl. Nav. 2p. 93: - (Nav. vir., pp.: - Pin. vir. v. minor.)

" var. gibbosa, A. cl. 1895 p. 6-1 f 1:

> Isopoda, v. minor, cl. - cl. 1895 p. 6: - (P. viridis, var. m.)

> subcapitata, v. Hillebrandi, A. cl. 1895 p. 101: - (Nav. 7. -)

> sublinearis, Gn. - cl. Nav. 2p. 74: - (Nav. 7. -)

> subovata, cl. Nav. 2p. 84: - (N. decurrenda var.: - Legumen, var.: - Scythica S.)

" v. brevistriata, Gn. - cl. Nav. 2p. 84: - (N. subst., v. bvi.)

" var. linearis, Gn. - cl. 1895 p. 9: - (Navicula) Nav. 2p. 84:

" " australensis, cl. Nav. 2p. 84: -

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- ROTUNDATA, E. - Mik. pl. 7-38, 118, 119; (Nav. 118, 119) --
 RUPESTRIS, Hoffmann, Marburg; Gallik, Pajar; (Nav. 7) --
 SABAE, E. - Mik. 1356p. 71; (Nav.) -
 SCHOMBURGKII, E. - Abh. Ber. 1345p. 30; R. S. D. 1. 43; (Nav.)
 SCUTELLUM, J. M. - M. J. 1359p. 151-1215; (Nav.)
 SEMEN, E. - Mik. pls. 6-2f10; 11f26; 14f12; 33-10f23; 33-14f19;
 37-1f19; Schum. 1362p. 132-3f35; (Nav. capitata & s.) -
 SEMILUNUM, E. - Abh. B. 1342p. 65; ?
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 SIGNATA, E. - Mik. pl. 34-6a, f7; - (Nav. d. & hungarica, v.) (Nav.)
 SILESIACA, Bleisch, 1362p. 81; Rabh. Alg. 954; Fresenius Senkenburg,
 p. 53-4127-29; (Nav. 118, 119, v., & s.) ----
 SILICULA, E. - Abh. Ber. 1353p. 233; (Nav.)
 SILLIMANORUM, E. - Amer. p. 134; Cl. Nav. 2 p. 84; R. S. D. 1. 44; (Nav.)
 SIROKIANA, E. - Mik. 1356p. 71; (Nav.)
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 STAURONEIFORMIS, S. B. D. 1p. 57-19f178; M. J. 1354p. 99-4f16; Hall;
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 * v. latialis, Cast. 1367p. 12;
 STAUROPTERA, Rabh. E. D. p. 222; Brun. Alp. p. 33-319; Cl. 1391p. 23;
 Gallik, Pajar; Cl. 1391p. 23; (Nav. 118, 119, v., & s.) ----
 (Nav. (Stauroneis & Stauoptera) larva; -Nav. capitata, v., & s.) ----
 * forma perizonata, Schum. 1367p. 53-2f55; (Nav. S., var. "n.")
 * v. gracilior, Rabh. E. D. p. 222;
 * v. interrupta, Brun. Alp. p. 37-3f9b; (Pinn. i.)
 STELLIGERA, E. - Abh. B. 1345p. 331; R. S. D. 1. 224; (Nav.)
 STOMATOPTERA, Grev. - Cl. 1391p. 27; Cl. Nav. 2 p. 83; (Nav.)
 STREPTORAPHE, Cl. 1391p. 23; 1345p. 5; - (Nav. viridis, v., & s.) ----
 STRIATA, E. - Mik. 1356p. 71; (Nav.)
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 SUBCAPITATA, Grev. - M. J. 1359p. 9-1139; S. B. D. 2p. 100; Carr. p. 103; Cl. Nav. 2 p. 83;
 10ff., Main 118; New Zealand; Cl. 1391p. 10; (Nav. capitata, v., & s.) ----
 SUBCILIARENS, Thw. - Brun. Alp. p. 31-3f19; (Coll. 118, 119, v., & s.) ----
 SUBULIS, Grev. - D. C. 1. 15-11f19; Carr. p. 100; R. E. D. 1. 175; (Nav. 1-
 SUBULICA, Hille 1359p. 32; 1345p. 5; (Nav.)
 SUECICA, E. - 11f1. 139; Mik. pls. 15-11f12; 2f125; R. S. D. 1. 11-3f14;
 R. E. D. 1. 225; 1345p. 5; (Nav. lata & s.)
 TABELLARIA, E. - Amer. p. 134, pls. 2-1f23; 3-1f7; 3-3f6; 3-4f6; 4-1f4;
 Mik. pls. 2-2f6, 7; 2-3f6; 3-4f11; 4-1f12; 4-3f11; 4-1f1; R. S. D. 1. 44-11f;
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 * v. acrosphaeria, R. E. D. p. 211; Ebert, Cassel;
 (Nav. tabellaria; -Nav. & P. ac. & gibba.) ----
 TAPETATA, E. - Mik. pl. 39-3f193; A. S. S. 1351, 134; (Nav. 118, 119, v., & s.) ----
 TEMPERE, Bn. - Cl. Nav. 2 p. 98; - (Nav.)

Thorax, Brun. - Cl. Nav. 2p. 85: - (Nav. 5.)

Thelyana, var. angusta, Cl. Nav. 2p. 98: (Nav. T. v. longa.)

> Trigonocephala, Cl. Nav. 2p. 88-152: (N. 4p.)

7. Uta.

Uta, subulata, Cl. Nav. 2p. 74: - (var. und. v. subulata.)

Uta, maculata, Deuck. - (Brun. alp. p. 91) = Staur. Truncata.

Viridis, Mapp. 38 (155131718. 39-143: 31-349698:

+ " var. Communitata (P. viridis, N.S.: - P. Huyleri vs Detra).

" " Antigonella, E. - Gr. in A. Nav. 2p. 91: - (Nav. Lept. v. talullana.)

" " Pallax, N.S. - Cl. Nav. 2p. 91: (P. viridis p. 10, m.: N. Semicucata: N. viridis v. com.)

" " dispar, Schum. - Cl. Nav. 2p. 92: - (Nav. dispar.)

+ " " maculata, Anz. - Cl. Nav. 2p. 92: - (Pinn. & Nav. reptans.)

" " semicucata, Gr. 1882p. 143: Cl. Nav. 2p. 92:

" " fossilis: - (P. distincta.)

Viridula, M. Sm. 15. 1. p. 57-18f175: - (Nav. lanceolata.)

Q.

Dec. 1891

L. 39-3f 100;

(Nov. 1980) 62, v.; -N. x 11 (Oct. 1987) -

(Nav.)

: Alg. Siciliana 2, No. 241;

R.S.D. p. 45: - (N. acuminatus & l.)

(Nav.)

(Nov.)

(Nav. cancellata, v., & t.) --

(Rev. - Sub. 11. 12. 13.) --

CL. 159 II. 30-2f3: 1162 II. 240.20. 1171 (18 v.)

(Nav.)

(1 2 3 4 5 6 7 8 9 10 11 12) - - - -

(N. V.)

(1 2 3 .)

-6f6; 1-4f6; 2-11f6; 2-21f6;

0; 2-215; 2-312; 3-212; 3-112;

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4: 17-1f1: 18f67; 22f59; 33-

7. 65A-5116; 61-124,15; 67-

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1870: 1.2-1118: weiss

54-131135: 401.6.; D.C.

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[illegible]

Cassel: Cl. 139 li. 21: Certes.

(continued)

av. maior. viridula & v.: -

of 103b:

(May. 1898 to 1901.) ---

17. No. 1255:

2. 7. 1900 (11. 11. 00) 4.

(PUBLISHED BY THE AUTHOR)

(N. I. i. 9) +

... (1952), p. 111.

5: (Nov. 10) --

3-1f3: 3-1f20: 13-1f7: 14f5:

2714: $504 = [6, 11]$; $504 = 2^3 \cdot 3^2 \cdot 7$

Valle: 6.4.5.181.63: 5.

for: 1815-1820, 1821-1825, 1826-1830, 1831-1835, 1836-1840, 1841-1845, 1846-1850, 1851-1855, 1856-1860, 1861-1865, 1866-1870, 1871-1875, 1876-1880, 1881-1885, 1886-1890, 1891-1895, 1896-1900, 1901-1905, 1906-1910, 1911-1915, 1916-1920, 1921-1925, 1926-1930, 1931-1935, 1936-1940, 1941-1945, 1946-1950, 1951-1955, 1956-1960, 1961-1965, 1966-1970, 1971-1975, 1976-1980, 1981-1985, 1986-1990, 1991-1995, 1996-2000, 2001-2005, 2006-2010, 2011-2015, 2016-2020, 2021-2025, 2026-2030, 2031-2035, 2036-2040, 2041-2045, 2046-2050, 2051-2055, 2056-2060, 2061-2065, 2066-2070, 2071-2075, 2076-2080, 2081-2085, 2086-2090, 2091-2095, 2096-2100, 2101-2105, 2106-2110, 2111-2115, 2116-2120, 2121-2125, 2126-2130, 2131-2135, 2136-2140, 2141-2145, 2146-2150, 2151-2155, 2156-2160, 2161-2165, 2166-2170, 2171-2175, 2176-2180, 2181-2185, 2186-2190, 2191-2195, 2196-2200, 2201-2205, 2206-2210, 2211-2215, 2216-2220, 2221-2225, 2226-2230, 2231-2235, 2236-2240, 2241-2245, 2246-2250, 2251-2255, 2256-2260, 2261-2265, 2266-2270, 2271-2275, 2276-2280, 2281-2285, 2286-2290, 2291-2295, 2296-2300, 2301-2305, 2306-2310, 2311-2315, 2316-2320, 2321-2325, 2326-2330, 2331-2335, 2336-2340, 2341-2345, 2346-2350, 2351-2355, 2356-2360, 2361-2365, 2366-2370, 2371-2375, 2376-2380, 2381-2385, 2386-2390, 2391-2395, 2396-2400, 2401-2405, 2406-2410, 2411-2415, 2416-2420, 2421-2425, 2426-2430, 2431-2435, 2436-2440, 2441-2445, 2446-2450, 2451-2455, 2456-2460, 2461-2465, 2466-2470, 2471-2475, 2476-2480, 2481-2485, 2486-2490, 2491-2495, 2496-2500, 2501-2505, 2506-2510, 2511-2515, 2516-2520, 2521-2525, 2526-2530, 2531-2535, 2536-2540, 2541-2545, 2546-2550, 2551-2555, 2556-2560, 2561-2565, 2566-2570, 2571-2575, 2576-2580, 2581-2585, 2586-2590, 2591-2595, 2596-2600, 2601-2605, 2606-2610, 2611-2615, 2616-2620, 2621-2625, 2626-2630, 2631-2635, 2636-2640, 2641-2645, 2646-2650, 2651-2655, 2656-2660, 2661-2665, 2666-2670, 2671-2675, 2676-2680, 2681-2685, 2686-2690, 2691-2695, 2696-2700, 2701-2705, 2706-2710, 2711-2715, 2716-2720, 2721-2725, 2726-2730, 2731-2735, 2736-2740, 2741-2745, 2746-2750, 2751-2755, 2756-2760, 2761-2765, 2766-2770, 2771-2775, 2776-2780, 2781-2785, 2786-2790, 2791-2795, 2796-2800, 2801-2805, 2806-2810, 2811-2815, 2816-2820, 2821-2825, 2826-2830, 2831-2835, 2836-2840, 2841-2845, 2846-2850, 2851-2855, 2856-2860, 2861-2865, 2866-2870, 2871-2875, 2876-2880, 2881-2885, 2886-2890, 2891-2895, 2896-2900, 2901-2905, 2906-2910, 2911-2915, 2916-2920, 2921-2925, 2926-2930, 2931-2935, 2936-2940, 2941-2945, 2946-2950, 2951-2955, 2956-2960, 2961-2965, 2966-2970, 2971-2975, 2976-2980, 2981-2985, 2986-2990, 2991-2995, 2996-3000, 3001-3005, 3006-3010, 3011-3015, 3016-3020, 3021-3025, 3026-3030, 3031-3035, 3036-3040, 3041-3045, 3046-3050, 3051-3055, 3056-3060, 3061-3065, 3066-3070, 3071-3075, 3076-3080, 3081-3085, 3086-3090, 3091-3095, 3096-3100, 3101-3105, 3106-3110, 3111-3115, 3116-3120, 3121-3125, 3126-3130, 3131-3135, 3136-3140, 3141-3145, 3146-3150, 3151-3155, 3156-3160, 3161-3165, 3166-3170, 3171-3175, 3176-3180, 3181-3185, 3186-3190, 3191-3195, 3196-3200, 3201-3205, 3206-3210, 3211-3215, 3216-3220, 3221-3225, 3226-3230, 3231-3235, 3236-3240, 3241-3245, 3246-3250, 3251-3255, 3256-3260, 3261-3265, 3266-3270, 3271-3275, 3276-3280, 3281-3285, 3286-3290, 3291-3295, 3296-3300, 3301-3305, 3306-3310, 3311-3315, 3316-3320, 3321-3325, 3326-3330, 3331-3335, 3336-3340, 3341-3345, 3346-3350, 3351-3355, 3356-3360, 3361-3365, 3366-3370, 3371-3375, 3376-3380, 3381-3385, 3386-3390, 3391-3395, 3396-3400, 3401-3405, 3406-3410, 3411-3415, 3416-3420, 3421-3425, 3426-3430, 3431-3435, 3436-3440, 3441-3445, 3446-3450, 3451-3455, 3456-3460, 3461-3465, 3466-3470, 3471-3475, 3476-3480, 3481-3485, 3486-3490, 3491-3495, 3496-3500, 3501-3505, 3506-3510, 3511-3515, 3516-3520, 3521-3525, 3526-3530, 3531-3535, 3536-3540, 3541-3545, 3546-3550, 3551-3555, 3556-3560, 3561-3565, 3566-3570, 3571-3575, 3576-3580, 3581-3585, 3586-3590, 3591-3595, 3596-3600, 3601-3605, 3606-3610, 3611-3615, 3616-3620, 3621-3625, 3626-3630, 3631-3635, 3636-3640, 3641-3645, 3646-3650, 3651-3655, 3656-3660, 3661-3665, 3666-3670, 3671-3675,

1890

-- ³ atlas 211 f 8, 11, 12, 14;

> approximatum, a.s. - atlas 211 f 7:

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" forma pusilla, atlas 211 f 19:

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 * v. minuta, Cl. Vega p. 512; Del. Syll. p. 723;
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 433, 503; Lat. 1876. p. 17; Del. Syll. p. 718; - (Denticulata; - P. Grevilliana.) --

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 SULCATUM, Cl. & Grev. -L. 1891. 54-3f1-3; Del. S. p. 721; Atlas 210f1, 2;
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TENUSTRATUM, Cl. V. 1841. 403-5f155; Del. S. p. 721; Atlas 210f1, 2;
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- ACUMINATUM, K. - Grun. 1330p. 561-4f6, 7; Desmaz. 1345, No. 109; Rabh. Bac.
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- var., Cl. Java 1.13-2f9: (Pl. australis.)
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- v. minima, Grun. - Cl. 1330p. 52; Per. Pleur. p. 12-5f12: (Pl. minutum.) -
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- v. fossilis, Grun. - Cl. & M. No. 24 sub; 1330p. 51; Del. Syll. p. 234;
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 .disticula, V.d.S.p.II5; T.No.74, 172 str; Del.S.p.233: (Pl.233.)
 .elongata, V.d.S.p.II5; T.No.173; Sm.9.1.2m No.297;
 et.Syll.p.233: (Pl.233.)---
 .finmarchica, Cl.Nav.p.41: (Pl.Finmare. & Normanni.)--
 .major, V.d.S.p.II5-13f5:
 .quadrata, W.S.-Sm.S.1.No.391; V.d.S.p.II5; T.No.172;
 et.Syll.p.233: Cl.Nav.1.41: (Pl.233.)
 .striosa, W.S.-V.d.S.p.II5; T.170; Del.S.p.233: Cl.Nav.1.41:
 Pl.striposum.)--- Oestrup 1897 p.310.
 .undulata, Grun.-Cl. I330p.51; Nav.p.40;
 et.Pleur.1.11-5f3: (Pl.undulatum.)
 .forma fallax, Grun.-Del.Syll.p.234: (P.fallax.)
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 .delic., forma kariana, Grun.-Del.S.p.233:
 .delic., forma salinarum, Grun. I373p.II6; Del.S.p.233;
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 . " " Javanica, Cl.-Del.S.p.232;
 . " " minuta, Grun.-Del.S.p.232;
 .forma minor, Rabh.E.D.p.234:

+ *Diadema* *petit*, Cap Horn. *Forbm. D. m. p. 17*: *Doppel 1870 p. 16-2 f 13-15*.

ANGUSTUM, Donk.-T.M.S. 1353p.24-3f9; Carr. p. II2; Del. S. p. 241;

(Donkinia & Gyrosigma.)-

ANTARCTICUM, Gran.-Cl. & M.No. 125; Per.Pleur. p.34; Del. Syll. p.232;

ANTILLARUM, Per.Pleur. p.3-3f19; Del. S. p.241; (Pinnarium.)--

APULUM, E.-Prit. p.918; R.E.D. p.233; Per.Pleur. p.29-9f20;

Del. Syll. p.252; (Gyros.; -Toxonidea.)

ARABURENSE, Castr. 1337p.33-23f5; Notar. 1339p.390; Del. S. p.239;

Per.Pleur. p.7-2f24;

ARCUATUM, Donk.-T.M.S. 1353p.25-3f10; Prit. p.918; Carr. p. III; R.E.D.

p.231; Sm. Sp. T. No. 393; Cl. 1330p.53; Per. Pleur. p.25-3f24, 26; Del.

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3f7; Del. S. p.243; J.R.M.S. 1393p. I-IfI-5; Herib. p.122;

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* v. agellus, Rabh. E.D. p.239; Hull; Delogne; Delogne; Wille, 30f2;

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* v. Caspia, Gran. 1373p.13-3f3; ⁴⁶ Cl. 1330p.55; Del. Syll. p.249;

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AUSTRALE, Gran. 1333p.21-IfI3; Fortm. Cey. p.39; Cl. Vega p.497, 500, 511;

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AUSTRALICUM, Witt.-J.M.C. 1373p.71-3f7; Del. S. p.241;

BAILEYI, Gran.-Cl. 1330p.39; Per. Pleur. p.22-3fII; Del. S. p.247;

(Gyrosigma; -Pl. inflatum.)----

BALEARICUM, Gran.-Cl. & M.No. 154; (P. strigile, v.)-

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BALTICUM, W.S.-A.M.N. 1. 1352p.3-2fI, 3; S.B.D. Ip. 33-2f200; Prit. p.919;

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* forma angustior, Rabh. E.D. p.235; (Pl. Loricaria.)-

* for. Baltico-Sinensis, Schw.-Del. S. p.250; (P. Balt.-S.)----

decorum, Fortm. D. m. p. 16.

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- var. "c", S.B.C. l.p. 33-24f20/7; *Fort. D. m. p. 190* (Gyros. acuminatum, var. l. 30.)--
- v. Brebissonii, V.A.S. p. 117; Del. Syll. p. 250;
(Gyros. acuminatum, v. Brebissonii; -P. Br., & scalprum, var. l. 1.)
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* var. "b", tenuistria, S.B.C. Ip.37-2f12f10; Cl. I330p.33-4f73;

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* v. sulcata, Grun.-V.H.S. p. II9-2f17; Cl. I330p.55-4f75:

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* v. arcus, Cl. Navic. p.45-4f13;

* v. Balearica, Per. Pleur. p.4-1f3, 7; Det. S. p.243; Cl. Nav. p.45;

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(P. decol., v. 1872)

* v. inflata, Per. Pleur. p.1-1f10; Det. Syll. p.243;

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49; Cl. I330p.53; Vega p.503; Per. Pleur. p.15-3f12: (P. elongatum, v.)--

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Det.Syll.p.242; (P. ~~pleuratum~~, v.)--

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(Gyrosigma.)---

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MEPOCAMPOS, W.S.-A.M.N.1.1332p.13-2f9, 14; S.O.T.F.1.1331p.13-2f13; Brn. & T.p.1330p.205-1333,4; Prit.1332p.1.2f9, 10; Prit.1.9f9-9f145; Carr.p.

112; Grn.1330p.500-4f5; Notar.1339p.500; Navic. & T.p.1.1331p.1.30; Mill; R.Bac.Exs.No.200; Prit.1371; U.T.F.3-4-4; Dact.1331p.1.105

S.O.T.F.1.1331p.404; Carr.p.1.30; V.1.9.1.112-1f3; T.No.137; S.O.T.F.1.1331p.1.34; Wolle, 32f2; Tinar.1335p.50-509; Prit.1.1.30; Per.Pleu.p.

1.17-4f4-7; Malaisie; Det.S.1.242; (Gyrosigma; Navicella; Scaphiuraculum.)---

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(Pl.Javanicum, Grn.)----

MERICUM, Per.Pleu.p.3-3f12; Cl.Nav.p.35; Det.S.1.233;

HYPERBOREUM, Grn.-Per.Pleu.p.1.13-3f14;

INFLATUM, Shadb.-T.M.S.1354p.15-1f9; Prit.1.9f3; B.O.N.1.Vol.7, pl.

7f17; R.Bac.Exs.1.241; Carr.1.30; (Pl. ~~pleuratum~~, v.)--

INTERSECTUM, S.O.T.F.1.1331p.13-2f9, 10; Prit.1.9f3; Grn.1330p.500; Carr.p.

112; Schum.1337p.59; Grn. & T.p.1.1331p.1.30; Cl.1330p.500; 1333p.229; 1334p.10; 1335p.9; 1336p.12; Vega p.475; S.O.T.F.1.1331p.1.105;

Prit.1.1.30; Tinar.1335p.49-51; Wolle, 32f2; Per.Pleu.p.1.10-1f7, 18; Malaisie;

Det.S.1.242; (Gyrosigma; Navicella; Scaphiuraculum.)---

v.ambigua, Grn.-1330p.1337p.29; Det.S.1.242; (P. ~~pleuratum~~, v.)--

v.subrecta, Cl.Vega p.475; (P. ~~pleuratum~~, v.)--

ITALICUM, Per.Pleu.p.3-3f10;

JAPANEICUM, Carr.1337p.53-2f14; Notar.1339p.500; Det.Syll.p.233;

Per.Pleu.p.7-3f15; (P. ~~pleuratum~~, v.)--

JAVANICUM, Grn.-Cl.1330p.52; Nav.p.42; Cl. & M.No.143; Det.S.1.240;

Per.Pleu.p.1.12-5f10; (Pl. ~~pleuratum~~, v.)--

INCERTUM, Per.-Cleve Navic.p.43; (Rhoicosigma.)---

JAVANICUM, Carr.1337p.53-2f14; Notar.1339p.500; Det.Syll.p.233;

PERGUELENSIS, Grn.-Cl.1330p.49; Per.Pleu.p.1.5-2f1; Cl.Nav.p.39;

Det.Syll.p.245;

KOLLMANNII, Cl.1330pp.14, 50-4f30; Per.Pleu.p.1.22-3f3; -(Nav.Vega, v.)--

KOLLMANNII, Carr.1337p.53-2f14; Notar.1339p.500; Det.Syll.p.233;

KOLLMANNII, Grn.1330p.501-4f3; 1333p.101; V.1.S.1.1.2f14; T.No.137;

Cl.1330p.59; Vega p.491; 1391p.54; Lake Michigan; Tinar.1335p.52-5f3;

Per.Pleu.p.1.33; Wolle, 32f13; Malaisie; Schum.1337p.59; Carr.p.1.12;

(Gyrosigma; -P. ~~pleuratum~~, v., & ~~pleuratum~~, v.)--

LABYRINTH, W.S.-A.M.N.1.1332p.12-2f11; Prit.1332p.1.2f11; S.O.T.F.1.1331p.1.30-2f17;

R.Bac.Exs.No.70; Prit.1.9f9; Arenig Bach; Carr.p.1.112;

Mill; Cl.1333p.229; Pet.1.1.21; Bellon, Lichon; Kinnora;

(Gyrosigma; 1.1.21; acuminatum; -Pl. ~~pleuratum~~, v.)--

lanceolatum, J. & M. D. M. p. 17:

marinum, J. & M. D. M. p. 16:

PLEUROSIGMA.---

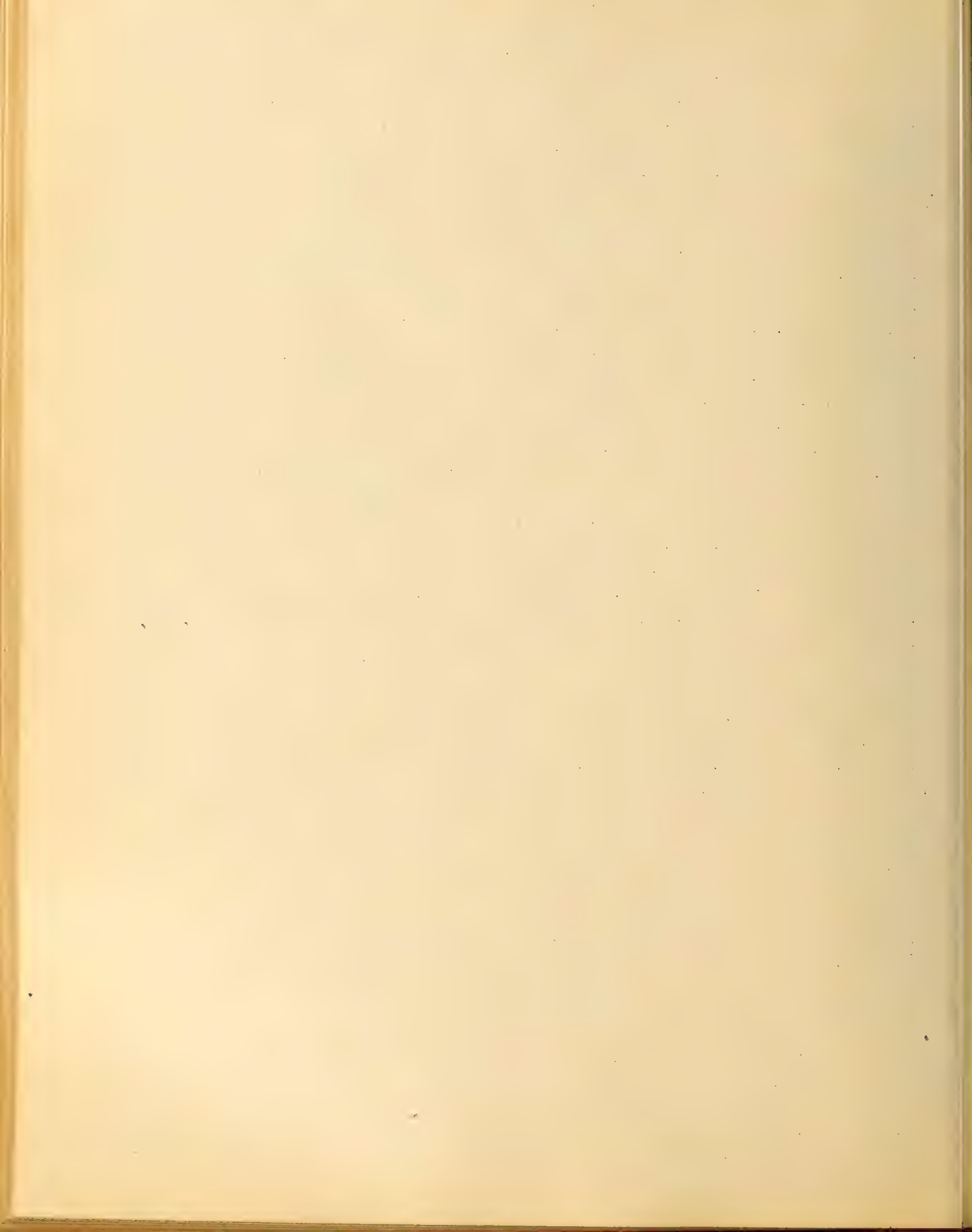
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- LAMPROCAMPUM, E.-Ralfs, Prit.p.917; R.E.D.p.237; Per.Pleur.p.24-3f12; Del.Syll.p.261; (Gyrosigma; -Navicula.)---
- LANCEOLATUM, Donk.-T.M.S.1353p.22-3f4; Prit.p.913; Carr.p.112; Hall: R.E.D.p.233; Cl.1330p.53; Nav.p.37; Brn & T.p.73; Del.Syll.p.233; Per.Pleur.p.12-5f14; @ J.M.S.1873p.17; (P.transversale, var. "l.")
- " v. elongata, Cl.-N.L.V.D.p.5-1f17; Per.Pleur.p.12-5f15; Del.Syll.p.233;
- " v. tahitensis, Grun.-Cl.1330p.53; Navic.p.37; Del.S.p.239;
- LATUM, Cl.1330pp.14,51-3f38; Vega p.475; Nav.p.42; Malaisie; Del.S.p.236; Per.Pleur.p.3-3f17,19;
- LENIUSCULUM, Per.Pleur.p.1.5f12; Del.S.p.239; -(Pl. Stenocarpus, var. "l.")---
- LINEARE, Grun.-Cl.1330p.59; (Rhoicosigma.)---
- LITTORALE, W.S.-A.H.N.A.1352p.10-2f3; Prit.1352p.1.20f3; Bren.D.C.p.10; S.B.D.1p.67-22f214; Prit.p.916; Grun.1330p.560; Carr.p.112; Hall: R.E.D.p.233; R.Bac. Exs. No.27; Sm.Sp.7.No.403; Cl.1330p.54; Del.S.p.243; Per.Pleur.p.17-7f1; *Fortm. D.M. p.17*; (Gyrosigma.)
- LONGIMUM, Brn.-M.J.1330p.130-9f7; Prit.p.917; R.E.D.p.237; Carr.p.112; Cl.1330p.50; Cl.1330p.53; Malaisie; Per.Pleur.p.21-3f1; Del.Syll.p.236; (Pl. praelongum.)---
- LONGISSIMUM, Cl.-N.L.V.D.p.5-1f3; Malaisie; Per.Pleur.p.13-7f15; Del.S.p.257; (Gyros. linearae, var. l.; -Donkinia)
- LONGUM, Cl.1373p.19-3f11; Vega; 1330p.49-3f11; Vega p.476; Nav.p.38; Malaisie; Per.Pleur.p.5-2f2; Del.S.p.244;
- " v. Americana, Per.-Cl. Nav.p.33; (P. decorum, v.)
- " v. inflata, Perag.-Cl. Nav.p.39; (P. decorum, v.)-
- LORENZIANUM, Grun.- (Pl. Lorenzii; -Gyros. rectum.)---
- LORENZII, Grun.1330p.533-4f4; Per.Pleur.p.10-7f17; (P. inflatum, v.)-
- MACILENTUM, Per.Pleur.p.1.5f24; Del.S.p.233; (P. obscurum.)--
- MACRON, Johnston.-M.J.1330p.15; (Gyros. & P. Balticum.)---
- MACTUM, S.B.D.1p.37-3f1275; Prit.p.913; Grun.1330p.539; Carr.p.111; Hull; Lewis, N. & R.S.p.67; Reinhard; R.E.D.p.231; Fortm. Cey.p.37; Cl.1330p.53; Vega p.476; V. I.S.p.119-2f10; Stark River; 1330p.32f1; Per.Pleur.p.20-3f4; Del.S.p.233; (Gyrosigma.)---
- MAJUS, Grun.-Cl. Nav.p.44-4f15; (P. affine, v. int.; -P. speciosum, var. m.)--
- MARINUM, Donk.-M.J.1353p.22-3f3; Prit.p.913; Carr.p.112; R.E.D.p.233; Pet. Cat.p.23; Cl. & M. No.149; 1330p.50; Vega p.497; Nav.p.37; Villef. p.54; Per.Pleur.p.3-3f11; Del.S.p.233; 1330p.50; (Pl. Bahamense.)---
- " v. Italica, Per.Pleur.p.3-3f10; Del.S.p.233; Cl. Nav.p.37;
- MAROCANUM, Clave Navic.p.42; (Rhoicosigma m.)-
- MINUTUM, Donk.-T.M.S.1353p.24-3f3; (Donkinia m.)-
- MINUTUM, Grun.-Cl. & M. No.136; Dallf.p.33; Per.Pleur.p.34; Cl. Nav.p.41-4f19; (Gyros. rectum, v. minutum.)
- MIRABILE, Grun.-M.J.1372p.193; Per.Pleur.p.34; -(Pl. inflatum, v.)-
- NAVICULACEUM, Bren.D.C.p.17,17; Prit.p.913; Grun.1330p.539; R.E.D.p.232; Fortm. Cey.p.33; Fortm. Cey.p.33; M.T.1.3-4-12; Cl.1373p.19; 1330p.51; Lagr.1370p.49; V. I.S.p.119-"C"103; Perag.p.32; Del.S.p.134; Per.Pleur.p.11-4f19-23; Cl. Navic.p.36; (Gyros.; -Pl. aequatoriale, Japonicum & transversale.)--
- " var., Castr.1337p.37-23f3;

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- forma minuta, Cleve Navic.p.36;
- NEOCRADENSE, Pant. II. 55; Sp. - 21f112; Del. Syll. p. 241; -(P. hamulifera, v.)
- NICOBARICUM, Grun. I 330p. 101; Cl. I 330p. 51; Nav. p. 35; Malaisie; Del. S. p. 239; Per. Pleur. p. 19-4f10, 11; (Pl. affine, v. - P. hamulifera, v. -)
- v. hamulifera, Bn. - Cl. Nav. p. 36; -(P. ham.; -P. Nicobar., v. Indica.)-
- v. Indica, Per. Pleur. p. 10-4f12; Malaisie; Del. S. p. 239; -(Var. hamulif.)
- v. sagitta, Bn. & Tp. - Cl. Navic. p. 33; (Pl. sagittum.)-
- MODIFIERUM, Grun. - Cl. I 330p. 59; V. I. S. p. 1. 21f13; T. No. I 34; Per. Pleur. p. 23-3f25; (Gyros. (ex Pl.) Spicatum, var. n.; -b. -)
- NORMANII, Ralfs, Prit. p. 919; Hull: R. E. O. p. 236; Malaisie; Cl. I 330p. 14, 52-3f37; Per. Pleur. p. 10-4f13, 7; Del. S. p. 237; Cl. Navic. p. 35; (Pl. affine, v. Norm.; -Pl. angulata, v. Norm.; -Pl. lanceolatum, Norman.)-
- v. fossilis, Grun. - Cl. Nav. p. 40; (Pl. affine, v. f.; -P. aestuarii, v. int.; -Pl. subrecta, v. -)
- v. Marylandica, Grun. - Cl. Nav. p. 40; (Pl. affine, v. Maryland.)
- NOTARISII, Castr. I 86 Intrasc. No. 74; Heaw. Vol. 5, p. III; Per. Pleur. p. 34; Del. Syll. p. 262;
- NUBECULA, Bred. C. C. p. 40; S. B. O. II. 64-21f201; Prit. p. 916; Carr. p. 112; Hull; Grun. I 330p. 557; Schm. I 371. 59; R. E. O. p. 232; Carr. p. 36; Cl. I 330p. 52; Vega p. 475; Nav. p. 34; Woll. 3014; Per. Pleur. p. 14-3f23; Malaisie; Del. S. p. 235; (Gyros. intermedium, v.)---
- v. amphipleuroides, Grun. - Cl. Nav. p. 35; (Pl. intermedia, v.)---
- v. intermedia, W. S. - Cl. Nav. p. 35; (Pl. inter.)
- v. Mauritania, Grun. - Cl. Nav. p. 35;
- v. pilvula, Grun. - Cl. I 330p. 72; Del. S. p. 235; (Pl. pilv.)-
- v. subrecta, Cl. Nav. p. 35; (Pl. elongatum, v. Baltica; -Pl. sub.)
- v. Thirii, Castr. - Per. Pleur. p. 14-3f25; (Pl. Thirii.)-
- OBLIQUUM, Grun. - Cl. I 330p. 56; Per. Pleur. p. 13-3f34; Del. Syll. p. 251; (Gyros. scalproides, var. obl.)-
- OBSCURUM, S. B. O. II. 65-20f206; Prit. p. 917; Heib. p. 90; Grun. I 330p. 556; Carr. p. 112; Guinard p. 36; Lewis, N. & R. S. p. 67; Reinhard; R. E. O. p. 236; Cl. I 373p. 19; I 330p. 49; Vega p. 475; Nav. p. 45; Flögel, Baltic; Sm. Sp. T. No. 407; Fortm. Cey. p. 37; Shark River; Perag. p. 62; Villef. p. 54; Per. Pleur. p. 5-1f14; Woll. 3011; 3212; Malaisie; Del. S. p. 244; (Gyrosigma; -Pl. macilentum & Peisonis.)- *Int. M. p. 16*
- var. "b", Prit. p. 917; Malaisie; Per. Pleur. p. 5-1f15, 16;
- v. Barbadosensis, Cl. Navic. p. 43;
- v. diminuta, Per. Pleur. p. 5;
- v. Mediterranea, Grun. - Cl. I 330p. 49; Per. Pleur. p. 5-2f5; Del. Syll. p. 244; (Pl. 330p. 49, var. -)
- OSTEOSATUM, Sullivant. - A. O. S. I 559p. 251; Prit. p. 919; R. E. O. p. 242; Woll. 3014; Trian I 335p. 51-3f11; Malaisie; (Colletomena & Eradissima; Pl. & Schizomena eximium.)-
- O'NEARI, Grun. - Per. Pleur. p. 22-3f10; (Navicula O'M.)
- PARADOXUM, Per. Pleur. p. 16-3f13; Del. S. p. 246; (P. paradoxum, var.)-
- PARKERII, Harrison. - M. O. I 330p. 104 cum icon; Prit. p. 919; Hull; R. E. O. p. 240; Cl. I 330p. 57; V. I. S. p. 113-21f10; T. No. 190; Per. Pleur. p. 25-3f33; Trian I 335p. 51-3f13; (Gyros. distortum, v. Park.; -P. fasciola.)--



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- * var. *stauroneoides*, Grun.-Cl. I330p.57; Det. S.p.260:
 (Gyros. P., var. st.; -Pl. 1861, 111.)
 PEISONIS, Grun. I330p.562-4f3; R.E.D. I.24I; Cl. I330p.30:
 Per. Pleur. p.24-3f27; (P. *quadratum*, v. *stauroneoides*, 111.)
 PELAGICUM, Perat. Pleur. p.7-3f3; Cl. Nav. p.37; -(P. *acutum*, v. *stauroneoides*, 111.)
 PERACALLI, Brn. I391p.41-2015; Per. Pleur. p.7-3f3; Cl. Nav. p.37;
 Det. Syll. p.242:
 * v. *gracilior*, Cleve Navic. p.35;
 * v. *perangusta*, Cl. Navic. p.35;
 PLAGIOSTOMA, Grun.-Cl. I330p.56; Per. Pleur. p.29-7f33;
 Det. Syll. p.251; (Gyrosigma I.)
 PRAELONGUM, Cleve Navic. p.39; (P. *longinum*, 111.)
 PROLONGATUM, W.S.-A.M.N. I. I352p.9-2f7; S.B.D. II. 37-22f22; Grun. I330p.
 p.559; Prit. I352p.1.20f7; I351p.915; Greg. D.C. I. 1; Carr. p. III; Hall;
 R.E.D. I.231; Heib. p.90; Malaisie; Sm. Sp. T. No. 403; Cl. I330p.53; Vega p.
 473; Per. Pleur. p.25-3f39; Det. S. p.259; *Detm. D.M. p. 16*; (Gyrosigma I.)--
 * v. *clavarioides*, Grun.-Cl. I330p.56-3f40; -(Gyrosigma I., v. *stauroneoides*, 111.)---
 PULCRUM, Grun. I330p.553-412; R.E.D. I.241; Grun. Cey. p.33; Sm. Sp. T.
 No. 695; Cl. I330p.43; Woll. 32f3; Per. Pleur. p.4-1f3; Det. S. p.244;
 (Pl. *speciosum*, var., & *mirabile*, 111.)---
 PUSILLUM, Grun.-Cl. I330p.54; Per. Pleur. p.15-3f15;
 Det. Syll. p.246; (P. *salinarum*, var., 111.)
 QUADRATUM, S.B.D. II. 35-22f24; Greg. D.C. I. 1; Prit. p.915; Grun. I330p.
 p.556; Heib. p.90; Carr. p. II2; Hall; Ew. N.H. I. 1-If9; Cl. I330p.229;
 I330p.51; R.E.D. I.235; M.H.S. I370p.121-59f3; M.T. P. 3-4-14; Sm. Sp. T.
 No. 391; V.A.S. I. I3f1; Carr. I331p.322, 6165; Woll. 32f3; Malaisie;
 Per. Pleur. p. II-5f7; Grun. I335p.49-3f3; *Detm. D.M. p. 17*;
 (Gyrosigma; -Pl. *angulatum*, var., & *rhombicum*, 111.)--
 * var. "b", W.S.-Per. Pleur. p. II-5f3; S.B.D. II. 35-20f20f1;
 RECTUM, Donkin. -T. V.S. I353p.23-3f3; Carr. p. II2; Malaisie;
 (Donkinia; -Amphibia Balfour; -Gyrosigma; -Donk. & Pl. *compertum*, 111.)
 REVERSUM, Greg. D.C. I. 53-6f105; Prit. p.917; Carr. p. III; Sm. Sp. T. No.
 409; Cl. I330p.57; Per. Pleur. p.20-7f10; Det. Syll. p.260;
 (Donkinia; -Gyros. *diminutum*, var. *constricta*, 111.)-
 RHOMBICUM, Grun.-M.T. P. 3-4-16; Cl. I330p.50; Per. Pleur. p.3-3f16, 14;
 Det. S. p.241; Cl. Nav. p.42; Malaisie; -(P. *quadratum*, v., & *angulatum*, 111.)---
 RHOMBOIDES, Cl. I330p.14, 54-4f73; Vega p.466; Det. Syll. p.242;
 Per. Pleur. p.15-5f14; (Pl. *Stuxbergii*, v. rh., 111.)---
 * v. *angustior*, ; Cl. Vega p.473;
 RICIDUM, S.B.D. II. 34-20f103; Prit. p.916; Grun. I330p.557; Carr. p. III;
 Breb. Verm. p.10; Hall; R.E.D. I.232; Cl. I330p.229; I373p.19; Vega p.
 475; Navic. p.39; Sm. Sp. T. No. 410; Lewis, N. & R.S. p.57; Grun. Cey. p.33;
 V.A.S. I. I9f3; T. No. 173; Perat. p.32; Villaf. p.54; Per. Pleur. p.14-
 6f3, 4, 6; Woll. 30f3; Grun. I335p.49-214; Malaisie; Det. S. p.237;
 (Gyrosigma; -Pl. *varium*, 111.) *Detm. D.M. p. 16*;
 * v. *gigantea*, Grun.-Cl. Nav. p.39; (Pl. *gig.*, 111.)-
 * v. *incurvata*, Brn.-Per. Pleur. p.17-3f7; Cl. Nav. p.39; Det. Syll. p.260;
 ROBUSTUM, Grun.-Cl. I330p.56; Malaisie; (Gyrosigma; -Rhombosigma, 111.)---



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- SALINARUM, Grun.-Cl. & M.No. 214; I33Op. 54; Nav. p. 39; Det. Syll. p. 247;
 Per. Pleur. p. 13-3f13; (P. deltoidea, v.)--
 v. paradoxa, Perap.-Cl. Nav. p. 39; (Pl. lat.)--
 v. pusilla, Grun.-Cl. Nav. p. 39; (Pl. pas.)--
- SAGGITA, Brun & T. p. 49-9f19; Per. Pleur. p. 10-4f13;
 Gallia, Papan; (Pl. Nicobarica, v. 37.)---
 SCALPELLUM, K.-Prit. p. 917; R. Alg. Eur. No. 1101; R. E. D. p. 237;
 Gallia, Papan; Per. Pleur. p. 34; (Gyros.; -Navic.; -P. Spencerei.)
- SCALPROIDES, Rabh. E. D. p. 241; R. Alg. Eur. No. 1101 sub; Bleisch, 1863;
 V. A. S. p. 120-2f11; Delogne; Cl. I33Op. 30; Trian I335p. 52-3f14; Perap.
 p. 33; Delogne, Lichon; Per. Pleur. p. 25-3f13; Det. Syll. p. 231;
 (Gyrosigma; -Nav. sigma; -Pl. acuminatum, v.)----
- SCALPRUM, Gaillon.-Ralfs, Prit. p. 919; R. Bac. Exs. No. 77; Alg. Eur. 2013;
 Ill. R. E. D. p. 233; Sp. Sp. T. No. 411; Cl. I33Op. 53; V. A. S. p. 120-2f11;
 I72; Trian I335p. 50-3f13; Per. Pleur. p. 17-7f13; Det. S. p. 248; -(Cymbella; -
 Gyrosigma acum, var. Breb.; -Navicula; -Pl. Balticum acum.; -P. Breb., var.)
 v. Gallica, Grun.-V. A. T. No. 172 sub; -(P. Gal.; -Gyros. acuminatum, v.)----
- SCIOTENSE, Sullivant.-A. S. S. I359p. 251; Prit. p. 917; R. E. D. p. 231;
 Cl. I33Op. 59; Wille, 30f12; Per. Pleur. p. 34; Det. S. p. 255;
 (Gyros. plagiostomum; -Pl. simile.)--
- SIMILE, Grun.-Cl. I33Op. 53; Per. Pleur. p. 19-2f12; Det. S. p. 231;
 (Gyrosigma (& Pl.) Balticum, var.; -P. Sciostomum.)--
- SIMUM, E.-Ralfs, in Prit. p. 917; Per. Pleur. p. 35; R. E. D. p. 241;
 Det. Syll. p. 232; (Navicula s.)--
- SINENSE, E.-Ralfs, in Prit. p. 916; R. E. D. p. 241; Cl. I33Op. 57; (Navic.)--
- SINENSE, Cleve, & M. No. 173; Cl. I33Op. 37; Per. Pleur. p. 20-7f14; Det. S. p. 251;
 v. Calcuttensis, Grun.-Cl. I33Op. 57; Per. Pleur. p. 20-7f12;
 Det. S. p. 252; (Gyros. Balticum, v. Cal.)--
- SINUOSUM, E.-Ralfs, Prit. p. 917; R. E. D. p. 233; Per. Pleur. p. 33;
 Det. Syll. p. 232; (Navic.)
- SMITHIANUM, Castr. I337p. 33-23f6; Notar. I339p. 391;
 Det. S. p. 231; (Gyros. elongatum.)--
- SMITHII, Grun. I33Op. 530; R. E. D. p. 233; Cl. I33Op. 53; Det. S. p. 253;
 Per. Pleur. p. 21; (Gyrosigma, v.; -P. acuminatum, v. s.)--
- SPECIOSUM, W. S. -A. M. N. t. I352p. 3-1f3; Prit. I352p. 1. D. 2; S. D. S. p. 11-
 20f197; Prit. p. 917; Grun. I33Op. 557; Carr. p. III; R. E. D. p. 232; Cl.
 I33Op. 49; Navic. p. 44; Villed. p. 5; Per. Pleur. p. 3-2f13-15; Det. Syll.
 p. 233; Malaisia; *form. Dm. p. 161* (Gyrosigma.)--
- var., Castr. I337p. 37-23f11;
 v. acuta, Per. Pleur. p. 3-2f11; Malaisia; Cl. Navic. p. 44;
 Det. Syll. p. 233; (Pl. abr.)--
- v. gracilis, Per. Pleur. p. 3-2f10; Malaisia; (Pl. 133.)
- v. javanica, Per. Pleur. p. 3-2f17, 13; Malaisia; Det. S. p. 233;
 Cl. Navic. p. 44; (Var. Sinatrica.)----
- v. major, Grun.-Cl. I33Op. 49; Det. Syll. p. 233; (Pl. majus.)----
- v. pilulifera, Grun.-Cl. Nav. p. 44; (Pl. pil.)--
- v. Mediterranea, Grun.-Cl. Nav. p. 44; (P. obscurum, var. M.)--
- v. Sinatrica, Per. Pleur. : (Var. javanica; -Pl. Sin.)--
- v. tortuosa, Cleve navic. p. 44; (Pl. tortuosa)

Apocynum,

" *fruticosa*, Bellot, Luchon p. 50-3 f 3:

Strigosum Fortm. D.M. p. 16. Darnuf. p. 33:

SPECTABILE, Grun.-Per.Pleur.p.21-7f14; Det.Syll.p.252;-(Gyrosigma s.)-
 SPACERII, W.S.-A.M.N.1.13521.12-2f15; Prit.13521.1.2015; S.B.C.1.
 33-2f213; Dublin Soc.Nat.Hist.1353; D.O.P.S.1354.1.13; T.No.135.
 No.75; Prit.1.919; Grn.13501.501; Carr.1.112; Prit.1351.1353; Hill.
 R.L.C.1.240; Ebor,1371; Per.Pleur.1.21; Grn.241.1.91-7111; Sp.S.1.
 No.412; Kinnora; Sur.341.1.10-2f21; 2f116, London: 1351.1.33; Cl.
 13301.59; Vega p.175; 1391.54; V.H.S.1.115; Per.1.1.5; Malaisie;
 Per.Pleur.1.22; Lake Michigan; 1351.3003-3; Det.Syll.1.1.22; Grn.
 p.122: (Gyrosigma; -Navicula; -Pl.Personis.)

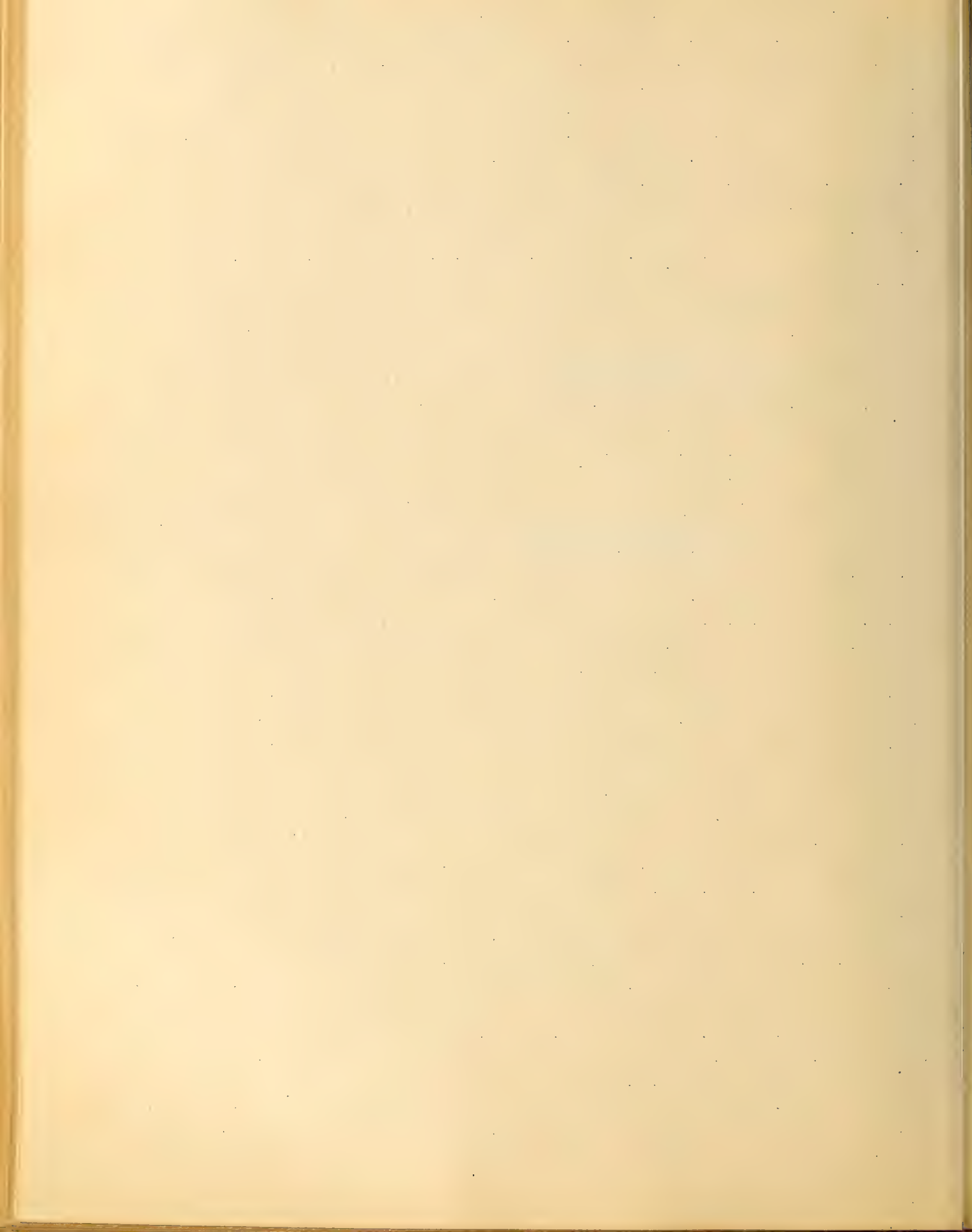
- var., Cleve 1330p.60; Lake Michigan;
 - v. *acutiuscula*, Grn.-V.H.S.1.113; T.No.133; Det.S.1.254;
 Per.Pleur.1.25-3f19, 30; (Gyros. *Kittizii*, var.)---
 - v. *Antillarum*, Grn.-Cl.1330p.60; Per.Pleur.1.23;
 Det.Syll.p.254; (Gyros. *Sp.*)----
 - v. *Arnottii*, Grn.-Cl.1330p.59; Per.Pleur.1.23-3f13, 19;
 Det.Syll.p.254; (Gyros. *Sp.*)----
 - v. *borealis*, Grn.-Cl.1330p.60-4f79a,c; Vega p.476;
 Per.Pleur.1.23-3f13; Det.S.1.254; (Gyros. *Sp.*)
 - v. *curvula*, Grn.-Cl.1330p.60; V.H.S.1.113; T.No.135; Per.Pleur.
 1.23-3f20, 24; Det.S.1.254; (Gyros. *Sp.*; -Nav. & Pl. *curvula*.)----
 - v. *exilis*, Grn.-Cl.1330p.60; Per.Pleur.1.23-3f25;
 Det.Syll.p.255; (Gyros. *Sp.*, var. *ex.*)--
 - v. *Hebigerii*, Per.Pleur.pl.3f20; (Gyros. *Heb.*)---
 - v. *Kittizii*, Grn.-V.H.S.1.113; Per.Pleur.1.23-3f11;
 Det.S.p.254; (Gyros. & Pl. *Katz.*)--
 - v. *minutula*, Grn.-Cl.1330p.60; Per.Pleur.1.23;
 Det.S.p.255; (Gyros. *Sp.* var. *m.*)---
 - v. *nodifera*, Grn.-V.H.S.1.113-2f13; T.No.134;
 Det.S.p.254; (Gyros. *Sp.* var. *n.*; -Pl. *nod.*)----
 - v. *Personis*, Grn.-Per.Pleur.1.3f17; Det.Syll.1.254;
 (Gyros. *Personis*, var.; -Pl. *Personis*.)---
 - v. *scalproides*, (Gyros. & Pl. *scalproides*)
 - v. *Smithii*, Grn.-Cl.1330p.59; V.H.S.1.113-2f13; Det.Syll.1.254;
 p.253; Per.Pleur.1.22-3f21, 23; -(Gyros. *Sp.*; -P. *Smithii*, var.)---
 - v. *subsalina*, Per.Pleur.pl.3f16, 17; Det.S.1.255; -(Gyros. *varsoveskii*, v.)
- STAUROPHORUM, Grn.-Cl.1330p.31; Vega p.475; Det.S.p.271; -(Rhopilema)
 STAUROPHORUM, Per.Pleur.1.27-3f45; Det.Syll.1.257; (C. *Staur.*)
- STRIATE, W.S.-A.M.N.1.13521.3-2f14; Prit.13521.1.2004; Hill.1.2.1.1.
 S.B.C.1.1.31-2f203; Prit.1.919; Grn.13501.559; Carr.1.112; Hill.
 E.D.1.233; Roper, Thames; Sp.S.1.1.No.413; Det.P.3-4-7; V.H.S.1.1.254;
 T.No.175; Cl.1330p.53; 1391.54; Per.Pleur.1.21-3f1, 5; Det.Syll.1.
 253; *Fortm. D.M.p.17*; (Gyrosigma; -P. *Balticum* & *tropicum*.)
- STRIATUM, Schum.1337p.59-2f53; Per.Pleur.p.35;
- STRIGOSUM, W.S.-A.M.N.1.13521.7-1f3; Prit.13521.1.1913; Grn.13501.559;
 S.B.C.1.1.34-2f1203; Prit.1.913; Grn.13501.553; Carr.1.112; R.L.C.
 p.232; Eil.S.1.1.No.75; Schum.13371.59; Hill.1351.1371; Sp.S.1.1.No.
 414; Ebor,1371; Cl.1330p.9; Vega p.14; 1330.51; Vega p.475;
 506; Per.1.1.52; Carr.1.13/52.43; V.H.S.1.1.1912; Malaisie; Per.Pleur.
 1.11-5f1, 2; *Fortm. D.M.p.17*; (Gyrosigma; -Pl. *angulatum*, var.)

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- * var. *convexa*, Cl. Vega p. 512; (Pl. con.; -Pl. angulatum, v. conv.)---
 STUXBERGII, Cl. & Grun.-Cl. 1330p. 71-1171; Vega p. 476; Del. Syll. p. 245; Cl. 1334p. 105-1156a, b; Per. Pleur. p. 15-349; Del. S. p. 245; (Rhoicossigma.)---
 * v. *diminuta*, Per. Pleur. p. 15-3f10;
 * v. *hyperborea*, Grun.-Cl. Vega p. 476;
 * v. *latiuscula*, Per.-Cl. Navic. p. 41; (Pl. lat.)--
 * v. *minor*, Grun. 1334p. 105-1157a, b; Per. Pleur. p. 15-3f11;
 Cl. Nav. p. 41; Del. Syll. p. 246;
 SUBRECTUM, Cl. 1330pp. 14, 53-3f72; Per. Pleur. p. 14-5f30;
 Del. S. p. 235; (P. intermedium, v.)--
 SUBRIGIDUM, Grun.-Cl. 1330p. 49; Per. Pleur. p. 5-2f3; Cl. Nav. p. 39;
 Del. S. p. 245;
 SUBSALINUM, Per. Pleur. p. 24-3f15, 17; (P. speciosum, v.)---
 SUBTILE, Breb.-Ralfs, Prit. p. 917; R.E.D. p. 237; Per. Pleur. p. 35;
 Del. S. p. 262; (Navicula s.)--
 SULCATUM, Grun.-, Per. Pleur. p. 25-3f43; Del. S. p. 243;
 (Gyros. & Pl. fasciola, v. sulc.; -Rhoicossigma.)----
 SUMATRANICUM, Per. Pleur. p. 6-2f16, 18; (P. speciosum, var. ?)-
 TAHITIENSE, Witt.-J.M.G. 1373p. 67, f13; Per. Pleur. p. 34:-
 (Toxonidea laevis.)
 TAHITIENSE, Castr. 1337p. 33-23f4; Notar. 1339p. 691; Per. Pleur. p.
 33-2f10; 10f9; (Rhoicossigma.)----
 TENUIROSTRE, Grun.-, Per. Pleur. p. 25-3f42;
 Del. S. p. 246; (Gyros. & Pl. fasciola, v. tenuirost.)
 TENUISSIMUM, S.B.D. Ip. 57-22f213; Prit. p. 917; Grun. 1330p. 559; Hall;
 Carr. p. 112; R.E.D. p. 237; Eiden, 1371; Cl. 1330p. 53; Vega p. 476; Per.
 Pleur. p. 21-3f13; Per. p. 33; Del. S. p. 243; Del. S. p. 243; (Gyros. s.)---
 * v. *hyperborea*, Grun.-Cl. 1330p. 53-1177; Vega p. 476; Del. Syll. p. 239;
 Per. Pleur. p. 24-3f14; (Gyros. ten., var. h.)-
 * v. *subtilissima*, Grun.-Cl. 1330p. 53; Vega p. 476; Del. S. p. 239;
 Per. Pleur. p. 24; (Gyros. ten., v. subtil.)---
 TERRYANUM, Per. Pleur. p. 13-7f21; (Gyros. l.)--
 THUMII, Cl. Mss.; Per. Pleur. p. 17; (Donkinia.)--
 THUMII, Castr. 1339p. 3; Per. Pleur. p. 14-5f25; Notar. 1339p. 796;
 Del. Syll. p. 239;
 THURINGICUM, Ralfs, Prit. p. 919; (Gyros.; -Navic.; -Pl. angulatum.)---
 TORTUOSUM, Cl. -N.L.K.D. p. 3-116; Per. Pleur. p. 9-2f12; Malaisie;
 Del. S. p. 233; (Pl. speciosum, var.)-
 TRANSVERSALE, S.B.D. 2p. 96; Grun. 1330p. 557; Carr. p. 112; Cl. 1333p. 229;
 Hall; Sm. Sp. 7.415; Woll. 2, 213; (Gyros.; -Pl. latiusculum.)----
 * var. "b", lanceolata, Roper. -M.S. 1331p. 21-3f11; (Pl. lanceol.)--
 TRANSYLVANICUM, Part. 3p. -5294; (Gyros. acuminatum.)-
 TROPICUM, Grun. 1330p. 559-5f54; R.E.D. p. 241; Cl. 1330p. 73; Del. Syll.
 p. 257; Per. Pleur. p. 21-3f17; (Gyros. & P. speciosum, v.)-
 UMBILICATUM, Cleve Navic. p. 43-4f22;
 VALIDUM, Shab.-T. S. 1334p. 15-113; Prit. p. 913; Grun. 1330p. 131; R.E.
 D. p. 242; Petit Cat. p. 23; North. Cat. p. 39; Grevillea Vol. I, p. 91; Cl.
 1330p. 53; Malaisie; Villef. p. 54; Del. S. p. 245; (Pl. angulatum & rigidum.)----



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- * var. *Nicobarica*, Grun. I353p. I01-Ia, f20; Malaisie; Grevillea, Vol. I, p. 92-6f5a, b; (Pl. Nic.)-
 VIRGINIANUM, A. J. Sm. Sp. I. No. 415; A. J. S. I. I371. 15; Atlantic Cit.; Woll. 3f7; (Pl. Normannii.)
 VITREUM, Cl. I330p. I5, 60-4f73; Vega p. 476; Malaisie; Per. Pleur. p. 22-3f9; Del. Syll. p. 259; (Navicula v.)--
 WANSBECKII, Donk. -I. M. S. I353p. 24-3f7; Breb. D. C. p. 23; Prit. p. 917; R. E. D. p. 238; Carr. p. 112; Lagr. I373p. 50; Sm. Sp. I. No. 417; Malaisie; Cl. I330p. 53; Vega p. 476; M. T. P. 3-4-II; (Gyros.; -Pl. Balticum, "b".)---
 WEISSBLOGII, Grun. -Cl. Navic. p. 43; (Rhoicosigma.)-
 WORMLEYI, Sullivan. -A. J. S. I359p. 251; Prit. p. 919; R. E. D. p. 240; Lake Michigan; Cl. I330p. 59; Per. Pleur. p. 35; Del. Syll. p. 255; (Gyrosigma Kutzingii; -Pl. Spencerii.)---

PLEUROSIPONIA. - (Grevillea)

- AEQUINIS, E. -Mik. p. 133-I14; I353p. 33; Abh. Ber. I373p. 52; I370p. 53; Pl. 3-3f6; Prit. p. 915; R. E. D. p. 245; Del. Syll. p. 326; - (Navicula.)--
 AMPHISBANA, E. -Mik. p. 242; Abh. Ber. I354p. 315; I370p. 53; Pl. 3-3f4, 5; Mik. I353p. 33; R. E. D. p. 245; Del. Syll. p. 326; (Navicula.)--
 EULVA, E. -Mik. p. 212; Abh. Ber. I354p. 315; I370p. 53; Pl. 3-3f2, 3; R. E. D. p. 242; Del. Syll. p. 326; (Nav.)----
 GRACILIS, Rabh. E. D. p. 243; Abh. Ber. I353p. 203; I370p. 53; Del. S. p. 327; (Nav.)----
 LIBICA, E. -Mik. p. 199; A. Ber. I370p. 53; R. E. D. p. 245; Del. S. p. 327;
 OBUSA, E. -R. E. D. p. 243; Abh. Ber. I370p. 53; Del. Syll. p. 327; (Nav.)
 PLOMICENTERON, E. -Mik. p. 153; I353p. 33; Abh. Ber. I370p. 59; Pl. 3-3f1; R. E. D. p. 243; Del. Syll. p. 327; (Nav.; -Stauroneis.)-

PLEUROSIRA. - (Grevillea)

- BAILEYI, Grun. A. J. S. p. 393; (Mik.)--
 THERMALIS, Grun. A. J. S. p. 391; - (*Odontella polymorpha*) (Ceratium; -Mik.)--

PLEUROSIA. - (Grevillea)

- , Deloni, Oss. Bac. I390p. 393; -, Pfitzer p. 57;
 ACHILIS, Rabh. A. J. S. p. 341, 347; Grun. I353p. 33; I370p. 53; Pl. 3-3f13; 3f5; R. E. D. p. 245, f2; Grun. I353p. 131; Cl. Nav. p. 150; M. T. P. 3-4-22, 23; Del. Syll. p. 222; (Stauroneis J.)
 * v. *maxima*, Grun. I353p. I01;
 FRAUENFELDIANUM, Grun. I353p. 20, I01-I113; Grevillea Vol. I, p. 41-2f I3a-a; M. T. P. 3-6-I; Cl. & M. No. 99; Malaisie; Del. S. p. 223; Cl. Navic. p. 150; (Stauroneis.)--
 FULMEN, E. -Grun. I353p. I01; Del. S. p. 223; Cl. Nav. p. 150; (Stauroneis.)
 JANISCHII, Grun. I353p. 33; Del. Syll. p. 224;
 JAVANICUM, Grun. I353p. 20, I01-I114; Cl. & M. No. 99; Grevillea Vol. I, p. 41-2f14; Malaisie; M. T. P. 3-6-2; Del. Syll. p. 224; Cl. Nav. p. 150; (Stauroneis J.)----
 LEGUMEN, E. -Rab. E. D. p. 259; J. R. C. I394p. 366; Delogne; Del. S. p. 222; Cl. Navic. p. 149; (Stauroneis J.)
 * v. *maxima*, Grun. I353p. I01; Del. Syll. p. 223;

diluviana, Cl. - J. Q. B. 1885 p. 174-13 f 16.

argus, Linn., 1878 p. 35.

* v. curta, Rabh. E. D. p. 259: (Stauroneis Smithii.) ---
 * v. gracilis, Rabh. E. D. p. 259: (P. lineare.) ---
 LINEARE, Hilse 1350p. 33; Rabh. Krypt. Fl. p. 43; Alp. Eur. No. 1161;
 (P. legumen; -Stauroneis l., Ehrh.) --
 OBLONGUM, Grun. -Cl. Navic. p. 149;
 PARVULUM, ~~Grun.~~ -Cl. & M. No. 139; Navic. p. 149; Sm. Sp. T. No. 39;
 Det. Syll. p. 223: (Caloneis fasciata; -Stauroneis.) ---
 TUMIDULUM, Grun. -Cl. & M. No. 261; Det. Syll. p. 224:
 SAGITTA, Grun. -Cl. & M. No. 261; Cl., M. L. K. D. p. 15-3f45;
 Det. S. p. 224: (Stauroneis.) ---
 SCAPHULAEFORMIS, ~~Grun.~~ -Cl. & M. No. 274; Det. S. p. 224; (Stauroneis.) ---
 SMITHII, Grun. -Cl. & M. No. 242; Navic. p. 149; Det. Syll. p. 224: (Stauroneis.) ---

PELASIIFORMIS, Pant. 24.83-23f403, 405; Del. Syll. p. 350: (temialus.)

ROGERSII, Bailey. - A.S.S. 1346p. 153-311, 2; 15451.204; - (211.7., 211.11, 11)
 " var. *septenaria*, Bailey ? (K.S.G.p. 135)

ADRIATICA, K.B.1.62-7f13; 30630; K.S.7.7.3; Bailey & G.1.1.1013; Phil.
1.772-4f10; Grm.1.5521.437-10f13; ²¹Can.1.73; Val.1.12; Italy; 7.2.
D.p.60, f14; Sm.Sp.1.No.413; M.T.P.2-4-I4; Cl.13731.12; V.4.7.363;
Para.1.63; Villaf.1.63; Wolle, 5f19; Can.S.11.1.50f; V.1.S.pl.563;
(Doryph. elegans; -Euphyllod. spectabilat.; -Sm.A. & ovalis; -P.Americana.)
AMERICANA, Bailey N.S.1.11, f13; S.O.1.2, 1.101; Lewis, N. & R.S.1.71;
M.O.pl.42f21; Jan. & R.p.11-2f14; Wolle, 5f14, 13;
(Doryphora elegans; -P.Adriatica.)--

JAMAICENSIS, K.B.p.51-21f7; Maneg.A.N.D.p.337; K.S.A.1.26; *Grav.* 78p. 2x
 Brit.p.315-12f33; H.D.1.10f16; R.alg.#2489. (Lysipoma concolorp.)

-, Amer. Natur. I369p.510-I3f25;
 --, A.S. Atlas I40f3-I0, I3, I4, I6;
 --, Menz. A.N.D.p.383;
 ADRIATICA, ~~Stell.~~ -Men. A.N.D.p.383; K.S.A.p.26; V.d.S. f1.34f20;
 Villot. f.79; (P. ~~atlantica~~ Villot; -P. ~~atlantica~~ Villot, V.)-
 AMBIGUA, Grin.-J.R.M.S. I879p.639-2ff4; Cl. I330p. II8; Vega p.510;
 Del. Syll. p. I363; ~~Del.~~ Cap. Horn. (Myalouiscus stelliger, Grin.)--
 v. Kamtschatica, Grin.-Cl. I380p. II9; Del. S.p. I363;
 ARCTICA, Grin.-Cl. I330p. II8; Del. S.p. I363; (Myalouiscus.)--
 BALDOICKIANA, Grin.-Atlas I30f40; I33fII; Bot. Cbl't. I333p.324;
 Pant. 2p.30; Del. Syll. p. I364;
 BORYANA, Pant. 2p.8I-25f32; Del. S.p. I364;
 COMPRESSA, west.-T.M.S. I360p. I50-7fII; Prit. pp. 815, 953-8f34; R.E.D.
 f.37; Shark River; Del. S.p. I365; (Druidagea c. & geminata.)---

7 glacialis, Cl. R.S.A. Rep. '96 p. 12-2 f. 17-20: Cl. 1897 p. 24

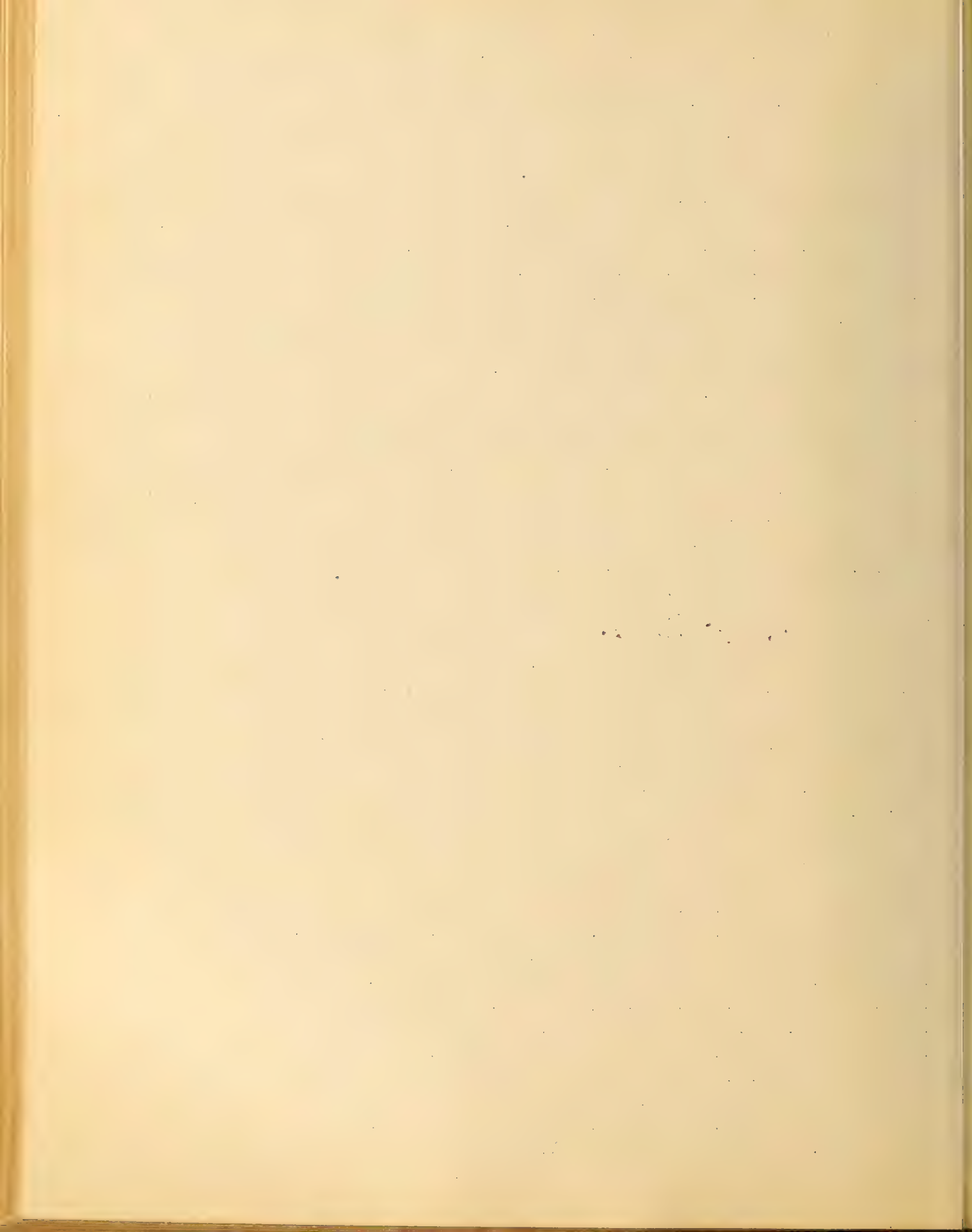
+ Stomacides, K. - Petit, Cap. Horn: Fatm. D.M. p. 27:

" v. minima, Gn. - Oestrup 1897 p. 346: - (P. minima.)

" v. Montagnei, K. - Oestrup 1897 p. 346: - (Pod. Mont.)

+ maerum, Petit, Cap. Horn.

1. Montagnei, P. T. T. Cap. H.



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OLIVERIANA, O'M.-V.H.S.pl.II3f5; Det.Syll.p.I335;
(A'eyelus.; -Micropodiscus; -Coscinodiscus leptodisc.)---
OOPHORA, E.-Mik.p.233; Det.S.p.I335;
ORELII, Grun.I334p.42-5f3I; Det.S.p.I335;
ROBUSTIA, Pant.2p.3I-13f270,27I; Det.S.p.I334;
ROTUNDATA, Perap.-LeD.No.9,p.I03; (Diatoma.)---
SADBOLDTIANA, Grun.I330p. -10fI2; (Liem.erythroea.)---
SMITHIANA, Grun.-Schm.N.D.p.74-3f27; Det.S.p.I335;
SPHAERICA, Bn.-LeD.Vol.2No.22,p.242-19fI4;
SPINO-RADIATA, Bn.-Brun & Tem.p.49-4fI0; Det.S.p.I335;
STELLULIFERA, Grun.I373p.33; J.R.M.S.I370p.330-2f33;
Wolle,59fII; Det.Syll.p.I333;
' v.sublaevis, Grun.-V.H.S.pl.34f25;
SUBSPIRALIS, Grun.-Pant.Ip.43-27f23I; Det.I333p.33I; Det.S.p.I330;
TRANSYLVANICA, Pant.3p. -39f542; Det.S.p.I335;
VARIEGATA, A.S.,Atlas I40f3; Wolle,69f3;
' var., A.S.,Atlas I40f4-6;
' v.Sinaitensis, J.R.M.S.I370p.330-2f33; Det.I392p.43-2f33;

POCOSPATENIA. -- (Chrysomelidae)

-, Bailey, A.J.S. 1842p.5-3f3; -, Pfeiffer p.125;
 -, Del.Oss.Bac.1890p.907; -, Meneg.A.N.O.1.452;
 ABREVIATA, E.-Int.1.211-1707; R.E.D.1.293;
 (Gomphonema a. & brevipes; -Lichenophora; -P.cuneata & Lynghbyei.)----
 ANGLICA, Rabh.E.D.p.297; Perag.1.73;
 ANGUSTATA, Grun.1862p.347-3f20; R.E.D.p.297; Fortm.Cey.1.55;
 Cl.1873p.15; *Fortm.D.M.p.23*; (Lien.Ehrenbergii, var.)--
 AUSTRALIS, K.-Rabh.E.D.p.297; (Lien.a. & paradoxa, var.)
 BAILEYI, Edw.-Lewis, N. & R.S.1.37-2f13; Sm.Sp.1.423;
 Wolle, 39f1, 2; (Lien.B.)
 BOREALIS, K.-Rabh.E.D.p.297;
 CAPENSIS, Grun.1862p.347-3f12; ^{a.t.} R.E.D.p.297; Sm.Sp.1.No.424;
 (Lien.Lynghbyei, var., & C.)---
 COMMUNIS, Grun.1.72-3f20; Cl.1873p.33; R.E.D.p.297;
 Perag.p.73; ¹⁻²⁷ (Lic.; -Echinella cuneata & paradoxa.)--
 v.elongata, DeNot.; -Erb.Crit.Ital.No.1489; Hedw.Vol.2, 1.72;
 CRATICULA, Montagne.-R.E.D.1.293; (Rhipidophora.)-
 CRYSTALLINA, K.-Rabh.E.D.p.297;
 CUNEATA, E.-Inf.p.214-7f3; Mik.p.13; Prit.1.739-13f13b; R.Alp.En.No.
 39f; Carr.1.73; Hedw.Vol.2, p.72; weisse G.1.307; Grun.1862p.5; R.
 E.D.p.297; (Frustulia c. & Lynghbyei:-
 Lien.surgensii; -P.abbraviata, Ehrenbergii, Lyngh.; -Syllitica; -Sylind.)
 DALLATICA, K.-R.E.D.p.293; *Fort.D.M.p.24*; (Lichenophora.)--
 DIBILIS, K.B.1.120-3f7; 24(1)13; K.E.A.1.110; Prit.1.739;
 Grun.1862p.343; R.E.D.p.293; 233p.61; (Lien.)---
 EHRENBURGII, K.B.1.121-9f13; 24(1)14; K.E.A.1.110; Prit.1.739-13f13b;
 R.E.D.1.293; Var.1.9; S.1.1.1.3-3f12; Prit.1.739-13f13b; 1861A;
 Grun.1862p.247; Carr.1.73; R.E.D.1.13-17; Edw.N. & R.S.1.71; Grun.
 1864p.393; R.E.D.1.293, 279; Sm.Sp.1.No.423; Perag.p.73;
 (Lichenophora; -P.cuneata.) *Fortm.D.M.p.23*



FORSYTHIA. --

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- LONGATA, Grun.-Hedw. Vol. 6p. 2; R.E.D. 1.293; *Fortm. Dm. p. 23*
 (Rhipidophora; -Gomphonema tinetum.) ---
 LYTROEA, Grun. 1362p. 347-10f12; R.E.D. 1.297;
 CRACILIS, E.-Hilf. p. 211-1713; K.B. 1.121-9110(1); V.S.A. 1.110;
 C.p. 22; Cole, Essex; S.B.D. 1.33-24f229; Desmaz. 2, No. 115; Prit. 1.
 769-10f133; R. Rabh. Exs. No. 79; Grun. 1362p. 343; R.E.D. 1.293; Sm. Sp. 1.
 Nos. 426, 427; Cl. Nares; (Echinella striata,
 striata, ventilatoria; -Lic. anglica, cl. & tenuis; -P. tenuis.) -
 "var." "minor", K.B. 1.121-9110(1), II, V.S.A. 1.110;
 Prit. p. 769; (Lic. anglica, v.) ---
 GRANDIS, E.-R.E.D. 1.293:
 HALINA, K.B. p. 121-9119, 10(2); V.S.A. 1.110; Prit. 1.769-13f13;
 R.E.D. 1.296; (Lic. h. & tineta.)
 "var." "lanceolata", K.B. 1.121-10f13; Prit. p. 769; K.S.A. 1.110;
 JURGENSII, K.B. 1.121-9112; V.S.A. 1.111; S.B.D. 1.33-24f229; Prit. 1.
 769; Grun. 1362p. 343; Rabh. Exs. No. 1425; R.E.D. 1.293; Cl. 1362p. 223;
 Eiben, 1871; Sm. Sp. 1. No. 426; Prit. 1.769; *Fortm. Dm. p. 23*
 (Echinella striata; -Lic. anglica; -Stylaria emulata.)
 LONGISSIMA, Fortm. Cey. p. 54-5f61;
 LYNCHBII, K.B. 1.121-9110(3); 10f1, 2; V.S.A. 1.110; Prit. 1.769-13f13;
 S.B.D. 1.33-24f229; 12f. 3. C. 1.15; R. Rabh. Exs. No. 73; Grun. 1362p. 343;
 71; R.E.D. 1.297; Petit Class. 1.23; V.S.A. 1.177; 1.13/12; Prit. 1.769;
 (Lic. anglica; -Echinella, striata, P. & Stylaria emulata; -
 P. abbreviata & Ehrenbergii.) - *Fortm. Dm. p. 23*: (Lic. M.)
 MENEGHINIANA, K.-R.E.D. p. 293:
 NEUMAYERI, Jan.-Sm. Sp. 1. No. 697:
 NANA, E.-Hilf. p. 215-1713; Hilf. 19. 11f13a-c; Hilf. 19. 11f13a-c; Hilf. 19. 11f13a-c;
 Prit. p. 769; *Mon. Ber. 1836 p. 55*; (Gom. h. facile.) ---
 NUBECULA, K.-Rabh. E.D. p. 293:
 OCEANICA, K.-Rabh. E.D. p. 293; Eiben, 1871:
 OCULATA, Hassall Alg. p. 425-100f9; (Sirella ovata.) --
 OEDIPUS, K.-Rabh. E.D. 1.296; (Lic.) ---
 OVATA, S.B.D. 1p. 33-24f226; Prit. p. 769; Grun. 1362p. 347; Cl. 1362p. 223;
 R.E.D. 1.297; Cl. 1362p. 222; 1373. 15; Prit. 1.769; (Lic.)
 PARADOXA, R.E.D. p. 293; R. Rabh. Exs. 30; Cl. 1362p. 223; Eiben, 1871;
 Prit. p. 73; *Fortm. Dm. p. 24*:
 PAPPEANA, Grun. 1362p. 123-1411; 1362p. 15; Eiben, 1871; R.E.D. 1.297;
 wolle, 22f26, 27; (Lic. anglica, var.) ---
 POPULA, E.-Abh. Ber. 1345. 134; 1351. 313; Hilf. 13. 4-5f39; 5-114; 343-114;
 11f77; 13-3149; 33-11f11; Hilf. 13. 13f11. 176-1111; Hilf. 13. 13f11. 176-1111;
 Prit. p. 769; R.E.D. p. 297; (Gomphonema; -Meridion.) ---
 (Lic.) ---
 RAMULUS, Grun.-Hedw. Vol. 6p. 2:
 SCHAUBOLTTIANA, Grun. 1362p. 1. 10f11; Malaisia (to Erythraea)
 SUPERBA, K.-Rabh. E.D. p. 293:
 TINELLA, K.-Rabh. E.D. p. 293:
 TENNIS, K.B. 1.121-91151; V.S.A. 1.110; Prit. 1.769; R.E.D. 1.293;
 Grun. 1362p. 343; Cl. 1362p. 223; (Lic. -P. gracilis.) --

Polyceratum.

Castro, 1886. -?

450

TERGESTINA, K.B.p.120-3f13; K.S.A.p.110: Prit.1.759; R.E.D.1.296; ~~1.349~~
TINCTA, Petit Cat.p.33: Peraq.1.73: (Gomphonema; -Lichophora.)--

POLYMIKOS. -- (Bac. *poly* 1893)

CORONALIS, L.W.B.-B.J.M.H.I36I_I.24I-2f55-59; Sm.S_I.7.No.249; Cl. \propto M.No
60; H,T,P,4-I-I; V.O.S._I.1.I2214; Acl._I.T_I.2-4; Scl.Sy_I.1.1896
(P,^{Ma}nyl.)---

JOHNSON I., ?; Del. S. p. 1394;

MAURY I, (P. coronalis.)----

PULCHELLUS, Grun.-V.H.S. #234 ⁵ = Det. S. p. 1393; (*actinop. p. 16.*)?

FILOS-MARINAE, Bn.-Det. Syll. p. 1393; (Actinoptychus.) ---

PONTICELLA. -- (1874)

CASPIA, n. -Abh. Ber. 1872p. 181-12f 17; Del. Syll. p. 1425: (Eunotia.) -

DENDROPHILA, E.-Abh.Ber.134314, 9: -K.S.d. p.12; Prit.p.325;
Abh.B.1372 p.1.2a, f21-25: Deby D.T.: (Melosira Roesenana, v. sp. n.). -

OCTONARIA, E. -Mik. p. 3II;

RADIATA, E. - Mik. p. 348:

UNDENARIA, E.-Mik. p. 311:

PORODISCUS. - (Zool., 1863; -

- , Rabh.E.D., 35; - , Del.Oss.Bac., 916;

CALICYFLOS, Brun & E.p.50-4fII; Det.S.p.II98;

Atlas I53f3,9: (Pyrochalcus.)?-

CONICUS, Grev.-T.M.S. 1853p. 65-413; Rattr. Rev. I. 675; : Del. S. I. II 97;

CORNIGER, Bn. - LeD. Vol. 2 No. 22 p. 242 - I9f I5:

ELEGANS, Grev.-T.M.S. 1363p. 64-4fI; Rattr. Rev. p. 673;
Det. S. p. II96; (Graspediscus.)--

HIRSUTUS, Gro. & St.-J.Q.C. 1837p. 143-144 54; Rattr. Rev. p. 875;

Atlas 153f10, II; Det. S. p. 1197:

INTERMPTUS, Gro. & St.-J. D.C. 1877. 67-513; 1880. 18-022; 1881.

Rev. 1.575; Atlas 183111; Cat. S. p. 1193; (Crabbe) 1912, p. 1193.

MAJOR, Civ.-T.M.S. 1350p.34-412; 1363p.45; Rott.Rv. 1375; 1381p.1130

v.densa, Rattr.Rev. 1967: 3f17; Det.S.p. II 97:

MITIDUS, Grev.-T.S., 1866, 35-40; Rattl. Rev., 371; Det. S., 1896;

v. armata, Ratt. Rev. p. 672-3f I7; Det. Syll. p. II95:

UBERALLS, Grev.-T. 1.9.1853. 53-4415; W. & O. 2.1.7-360; *Palmer*, Rev.
p. 674; DeT.S.p. 1197: (Craspedocarpus.)--

OVALIS, GREV. - *J. M. S.* 1863. - 4115: (11101-2) 11101-62 "50101-18") -

OVALIS, Pant. 2p. II 6-23f343'

SPINIFERUS, Rattr.Rev.p.874-3f47 Del.S.p.II96:

SPLENDIDUS, Gray.-*J. U. S.* 1857, 43-51; *W. & A.* 1-31; *Nature*, Nov.
p. 671; *Del. S. P.* 1195: (Craspedodiscus ovalis.)--

v. marginata, Ratt. Rev. p. 672; Det. S. p. II 95: - (*Craspedoniscus ovalis*.) -

STOLTERHOFF, *Castr.* 1387 p. 139-12f8; *Rattr. R. p.* 374; *Del. Syll. p.* II93;

Protonema.

P. thermale, Meneg. - Pediculus p. 7 - 1 f. 35, 36 - (*Denticula*
elegans, v. *valida*.)

Psammamphora.

Subgenus *Amphorae*: Vide al. 2 p. 132: - 1893.

SPLENDENS, E.-Abh. Ber. I 843 p. I 36: Mik. p. 210; Prit. p. 915;
R.E.D. p. 243; Del. Syll. p. 312;
SUBULATUS, E.-Abh. Ber. I 843 p. I 36: Mik. p. 210; Prit. p. 915;
R.E.D. p. 243; Del. S. p. 312;

PORPEIA. -

INFLEXA, A.S., Atlas I 42 f 53;
ORNATA, Grev.-T.M.S. I 865 p. 53-6 f 21; Del. Syll. p. 394;
QUADRATA, Grev.-T.M.S. I 863 p. 65-6 f 20; V. u. S. pl. 95 b, f 15;
Wolle, 63 f 33; 93 f 17-17; Del. Syll. p. 393;
QUADRICEPS, Bailey Mss.; Prit. p. 350; T.M.S. I 865 pp. 52, 100-6 f 13, 19;
3 f 13; R.E.D. p. 315; Atlas I 42 f 46-57; Wolle, 63 f 25, 30;
Del. Syll. p. 393: (temiaulus.)--
" v. clavulata, E.-V. u. S. pl. 95 b, f 12; Del. S. p. 393: (Bida. c.)----
" v. intermedia, Grun.-V. u. S. pl. 95 b, f 13, 14; Del. S. p. 393;
" v. sectilis, Bn.-LeD. Vol. 2 No. 22, pl. 24 f 18: (temiaul.)
ROBUSTA, Witt I 883 p. I 3-3 f 23; Del. Syll. p. 394;

PRITCHARDIA. - (Kütz., 1853)

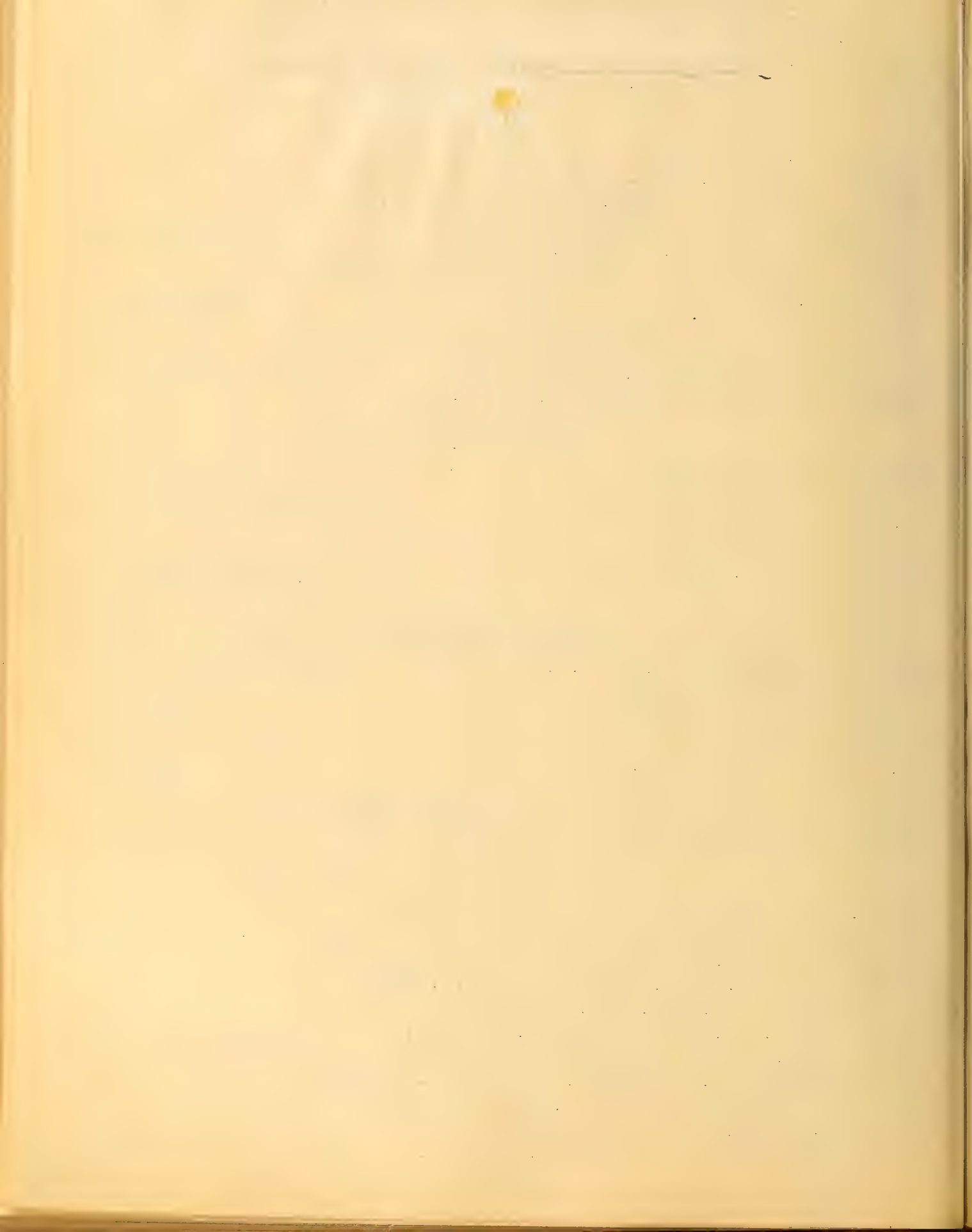
INSIGNIS, Rabh. E. D. p. I 63: (Nitzschia.)
SCALARIS, Rab. E. D. p. I 62: (Nitzschia; -Syndura.)
" v. gigantea, R.E.D. p. I 62: (Nitz. scal. var. "b".)
" v. major, R.E.D. p. I 62;
SMITHII, R.E.D. p. I 63: (Nitz. s. & spectabilis.)
VIRGATA, R.E.D. p. I 63: (Nitzschia)

PSEUDO-AMPHIPRORA. - (C. Ag., 1847)

CRUCIFIX, Temp. & Bn.-Cl. Navic. p. 71: (Navicula c.)--
decora, Grev.-Cl. Nav. p. 72: (Stauroneis u.)
IMPLETA, Cl. & Gro.-Cl. Nav. p. 71: (Nav. i.)
JUGATA, Cl. Nav. p. 71: (Nav. u.)
" v. Pensacolae, Cl. Nav. p. 71: (Nav. P.)
POLYGONA, Bn.-Cl. Nav. p. 71: (Nav. l.)
STAUROPTERA, Bailey - Cl. Nav. p. 71 cum icone: *Staurup* 1897 p. 312:
(Amphora; -Amphiprora Lepidoptera, octusa, f. f.)

PSEUD-AULISCUS. - (C. J. Ag., 1847)

-, A.S. Atlas I 49 f 10;
-, De Toni Oss. Bac. I 390 p. 917;
AMBIGUUS, Grev.-J.R.M.S. I 833 p. 900: Del. Syll. p. I 065: (Auliscus.)
" v. major, Rattr. Rev. p. 901-15 f 1: Del. S. p. I 065;
" v. multiclava, Grev.-Del. Syll. p. I 065;
ANCEPS, Rattr. Rev. p. 907-15 f 4: Del. S. p. I 069: (Aul. Grovei.)--
BRUNII, Pant. 2 p. I 00: 3 pl. 26 f 337; Del. S. p. I 069: (Aul. trilunaris.)---
DEBYI, Fortm. Cey. p. 64-3 f 75; J.R.M.S. I 833 p. 902; Del. S. p. I 069;
DIAPHUSUS, Rattr.-J.R.M.S. I 833 p. 907; Atlas I 25 f 10; I 49 f 5; 2 ex 122
Del. Syll. p. I 063:
ELABORATUS, Ralfe.-J.R.M.S. I 833 p. 905: Del. S. p. I 070: (Auliscus.)-



0000000000000000

- GRANULATUS, Pant. 3p. -10f173; Det. Syll. p. 1073;
 HIRSUTUS, Rattr. -J.R.M.S. 1333p. 901-15f7; Det. S. p. 1068;
 JOHNSONIANUS, Grev. -J.R.M.S. 1333p. 905; Det. S. p. 1071: (Auliscus.) -
 " v. blunders, Rattr. -J.R.M.S. 1333p. 905; Det. S. p. 1073;
 LETONENSIS, Jan. -Atlas 67f14; J.R.M.S. 1333p. 906; Det. S. p. 1068;
 LETOURNEURII, Br. -Det. Syll. p. 1071: (Auliscus.)
 LEUDUGERII, Perap. -Det. S. p. 1069: (Auliscus.)
 LUMINOSUS, Br. -Det. S. p. 1065: (Auliscus.)
 NEBULOSUS, Fortm. Cey. p. 64-8f74: (Eupodiscus.)
 NEBULOSUS, Grev. -Rattr., J.R.M.S. 1333p. 904; Det. S. p. 1072: -Auliscus.) ---
 NOTATUS, Grev. -Rattr., J.R.M.S. 1333p. 901; Det. S. p. 1066: (Auliscus.)
 ORNATUS, Grev. -Rattr., J.R.M.S. 1333p. 904; Det. S. p. 1073: (Auliscus.)
 PERUVIANUS, Grev. -Rattr. -J.R.M.S. 1333p. 902: Atlas 32f29; Det. S. p. 1066:
 (Auliscus (& Eupodiscus) P. & radiatus.) ---
 " v. spinosa, Rattr. -J.R.M.S. 1333p. 903; Det. S. p. 1067;
 " v. tener, Rattr. -J.R.M.S. 1333p. 903; Det. S. p. 1067;
 PETITII, Fortm. Cey. p. 64-8f76; J.R.M.S. 1333p. 906:
 Det. Syll. p. 1071: (Eupodiscus obscurus.) --
 PULVINATUS, Cl. -Rattr., J.R.M.S. 1333p. 906; Pant. 2, p. 100:
 Det. S. p. 1071: (P. Rattrayii; -Auliscus.) -
 " forma apiculata, Pant. 2, p. 100: (Auliscus p., var.)
 " forma inermis, Pant. 2, p. 100: (Auliscus p., v.) --
 RADIIUS, Bailey. -Atlas 32f23; Cl. 1330p. 73; J.R.M.S. 1333p. 902; Det.
 Syll. p. 1066: Atlantic City; Woll. 34f6: (Eupodiscus, Bailey.) -
 RAUFSIANUS, Grev. -Rattr., J.R.M.S. 1333p. 903; Det. S. p. 1067;
 (Aulisc. cellulosus & R. -Eupodisc. Barbadoensis; -Cerataulus Pacificus.)
 RATTRAYI, Pant. 2p. 100-20f511: (P. pulvinatus.) -
 ROTATUS, Rattr., J.R.M.S. 1333p. 907-16f7; Det. S. p. 1073;
 SCHMIDTII, Pant. 2, p. 100-14f240: (P. trigemmis.) --
 SPINOSUS, Christian. -J.R.M.S. 1333p. 904; T.B.C. Vol. 16p. 73-92f2;
 Det. S. p. 1063: (Aulisc. Webigerii & spinosus.)
 TETRAOPTHALMUS, Cleve Mss.; J.R.M.S. 1333p. 901-14f10; Det. S. p. 1072:
 TRIGEMMIS, A.S. -Rattr., J.R.M.S. 1333p. 905; Det. S. p. 1070: -(
 (Auliscus; -P. Schmidtii.)
 " v. robusta, Br. -Det. Syll. p. 1070: (Aul. robust.) --
 TRILUNARIS, Br. -Det. Syll. p. 1071: (Auliscus t.) --

PSEUDO-CERATAULUS. - (Pant., 1890)

- KINVERI, Pant. 2p. 93-30f425; Det. Syll. p. 1073: - (Auliscus operatus.) ----
 KOCHII, Pant. 3p. -8f37; Det. S. p. 1079;
 TEMPEREI, Pant. 2p. 93-24f360; Det. S. p. 1079;

-PSEUDO-COSCINODISCUS. - (Pant., 1890)

- LABYRINTHUS, Grun. -V.H.S. pl. 111f9: (Triceratium l.)
 PILEATUM, Grun. -V.H.S. pl. 112f3; (Tric. p.) -

PSEUDO-DICTYONEIS. - (Pant., 1890)

- HUNGARICA, Cleve. -Pant. 3p. -1f3: (Dictyoneis?) --

Pseudo-epithemia.

Cleve, 1880. -

+ hemicyclus, Gr. - V.H. Pl. 35823.

COMMUTATA, Cl. in litt.; LeD. Vol. I, p. 16: (Dietyoneis marginata.)--

PSEUDO-EUNOTIA. - (Grun, 1834)

ALPINA, Naeg.-Det. Syll. p. 303: (Synedra.)-
 ARCUATA, Naeg.-Det. S. p. 309: (Syn.)---
 BICURVATA, Biene.-Det. S. p. 310: (Syn.)
 BICEPS, E.-Det. S. p. 311: (Eunotia.)
 DEPRESSA, Schm.-Det. S. p. 311: (Ceratoneis.)--
 DOLIOLUS, Grun. 1835 p. 7; Cl. Vesp. p. 513; Det. S. p. 310:
 (Eunotia; -Hirantidina; -Synedra.)-- 704 f. 24-25
 FLEXUOSA, Breb.-Det. S. p. 309: (Syn.)
 " v. bicapitata, Naeg.-Det. S. p. 310: (Syn.)
 HEMICYCLUS, Grun. V. H. S. pl. 114 f. 17; Det. S. p. 310: (Eunotia) (det. 2 p.)-
 LUNARIS, E.-Det. Syll. p. 308: (Syn.)
 " v. bilunaris, K.-Det. S. p. 308: (Syn.)
 " v. cuspidata, Schum.-Det. S. p. 308: (Syn.)
 " v. minor, Schum.-Det. Syll. p. 308: (Synedra.)-
 PACHYCEPHALA, K.-Det. S. p. 309: (Eunotia.)-
 SCHUMANNII, Rabh.-Det. S. p. 311: (Ceratoneis.)--
 WIGANDII, Rabh.-Det. S. p. 311: (Synedra.)-

PSEUDO-PLEUROSIGMA. - (Grun, 1834)

ROTAEANA, Grun.-V. H. S. pl. 114 f. 17: (Navicula r.)

PSEUDO-ROTILATA. - (Grun, 1834)

-, A. S. Atlas 183 f. 26: ----?
 MONILE, Grove & Sturt.-J. Q. C. 1836 p. 324-183 f. 7, 3; Notar. 1837 p. 349;
 Atlas 183 f. 24, 25; Det. Syll. p. 354;

PSEUDO-STEPHANODISCUS. - (Grun, 1834)

A Subdivision of "Coscinodiscus",
 Grun. 1834 p. 33 (35): Part. I, p. 75.--

PSEUDO-STICTODISCUS. - (Grun, 1834)

ANGULATUS, Grun.-Atlas 74 f. 26-30; 122 f. 16; Witt 1835 p. 29-3 f. 15;
 Pant. 2, p. 113: 29 f. 4102 (Biddulphia; -Stictodiscus.)---
 " var., A. S. Atlas 74 f. 24, 25;
 EULENSTEINII, Grun.-In V. H. S. - (Triceratium E)
 " v. irregularis, Grun., in V. H. S. pl. 110 f. 9: (Stictodiscus; -Tricerat.)

PSEUDO-SYNEDRA. - (Grun, 1834)

DEBYI, Fortm.-Annales Bot. Buit. 1892 p. 32-5 f. 3;
 PERAGALLI, Fortm.-Ann. Bot. Buit. 1892 p. 31-5 f. 2;

PSEUDO-TRICERATIUM. - (Grun, 1834)

CINNAMOMUM, Grev.-Pantoc. 2, p. 110: -(Nov. Gen. ?; -Coscinodiscus; -Tric.)----

apiculata, E. Abh. B. 1844; K. S. a. p. 22: - (Stephanopappi. 3)

Kützing in litt., 1831; V. Syn. p. 31; -(Exilaria of Graville.)---

PYXODISCUS.---

- ACULEIFERA, Grun.-V.H.T.No.451: *J.de M.p.71:* (Pyxilla.)
 . var., Grun.-V.H.S.pl.83b,f5; T.No.451 sub; (Pyxilla.)
 DANICA, Grun.-V.H.S.pl.83b,f7,8: (Stephanoporia.)---
 KITSONIANA, Grun.-V.H.S.pl.83b,f9-11: "
 SPADA, Brun & Temp.p.80-117:
 SUBULATA, Grun.-V.H.S.pl.83b,f6: (Pyxilla s.)---

PYGODISCUS.-(O'M., 1867)

LINEATUS, O'M.-M.J. 1867p.233: Det.Syll.p.1425:

PYRGODISCUS.-(Kitt., 1885)

- ARMATUS, Kitt.-J.Q.C. 1885p.170-13f13; Atlas 9f3; 92f15, 18;
 Witt 1885p.30-3f7, 8; Det.Syll.p.1011:
 CALICYFLOS, Tp. & Bn.-Det.S.p.1011: (Porodiscus.)
 KINKERI, Pant.3p. -34f48; Det.S.p.1012;
~~KINKERI~~, Witt 1885p.30-3f3; Atlas 100f13, 14; Det.S.p.1011:

Simplex,

PYXIDICULA.---(Eh., 1863)

- , E., Mik.pls.33-3f21: 35A-20f6:
 -, Myn.A.N.D.p.366; -, London Clay:
 -, Bail., A.O.S. 1842p.33-212; (Dietyopyxis ciliata; -P. major.)
 -, Ann.Soc.Belg. 1883 pl.4f2c;
 ACTINOCYCLUS, E. Aab. Ber. 1844p.35; Prit.p.325;
 .weisse 1854p.241-1f13; (Actinocyclus pyxia.; -Cyclotella.)-
 ACTINOPTYCHUS, E. Aab. B. 1844p.35; 19f16;
 (Mastogonia.)-
 ACULEATA, E.-A.Ber. 1844p.35; Mik.pls 18f124; K.S.A.p.21;
 (Mastogonia; -Stephanopyxis; -Xanthiopyxis.)--
 ADRIATICA, K.B.p.51-2f3; K.S.A.p.21; Prit.p.325-13f33; Cl. 1837p.332;
 Reinhard; R.E.D.p.34? Italy:
 (Coscinodiscus punctulatus; -Craspedodiscus & Melosira Franklinii; -
 Hyalodiscus stelliger; -Podosira a. & hormoides.)-
 ALATA, E.-Abh.Ber. 1844p.35; Mik.pl. 19f13b; K.S.A.p.23;
 .weisse 1854p.241-1f13; *(Xanthiopyxis)* ~~(Stephanopyxis)~~----
 > APPENDICULATA, E.-Abh.B. 1844p.85 ~~1844~~ 1847; K.S.A.p.22;
 .weisse 1854p.241-1f17; (Xanthiopyxis.)
 AREOLATA, E.-Abh.B. 1844p.35; K.S.A.p.22; Prit.p.325;
 Det.Syll.p.1149:
 ASPERA, E.-Abh.Ber. 1856p.428; Det.S.p.1150;
 COMPRESSA, Bailey M.O.p.40-2f13, 14; Prit.p.325; Sm.Sp.1.Nos.
 430, 431; wolle, 62f17; (Nitzschia punctata.)----
 CONSTRICTA, ²K.S.A.p.23; (Xanthiopyxis.)-
 COSCINODISCUS, E. ~~Abh.~~ B. 1844p.35; Mik.pl. 39-3f101;
 (Coscinod. pyxidic.; -Craspedodiscus.)---

cruciata ~~Abh.~~ Ber. 184/p. 328:

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CRUCIATA, E.-Abh.Ber.I341p.35; K.S.A.p.22; Prit.p.325; WOLLE, 32f9; Det.Syll.p.II48; (Dietyopyxis & P.A.)--
CROCATA, E.-Abh.Ber.I341p.3-7f; Mik.pl.18-Iff; Prit.p.325; Det.Syll.p.II48; (Dietyopyxis & P.A.)--
Prit.p.325; Det.Syll.p.II48; G.M.I334p.92; V.T.I.1-1-17; A.C.I337p.71; Det.I336p.10; Atlantic City; Am.Soc.Sch.I336p.1.
2f10; Wolle, 32f7, II; Det.2, p.115; Det.Syll.p.II48; (Dietyopyxis & P.A.)--
(Coscinodiscus; -Dietyopyxis.)
"var."b", Hellenica, Ralfs, in Prit.p.325; (Dietyopyxis & P.A.)--
CYLINDRUS, E.-Abh.B.I341p.35; K.S.A.p.22; Prit.p.325;
(Dietyopyxis; -Stephanopyxis.)
DECUSSATA, E.-A.Ber.I342p.205; Prit.p.325; Det.Syll.p.II50;
DENTATA, E.-Abh.B.I341p.204; K.S.A.p.22; Prit.p.325; Det.Syll.p.II48;
DIADEMA, E.-S.A.p.21; (Xanthiopyxis)---
DISTANS, E.-Mik.pl.3-3fI; Det.S.p.II50;
GEMMIFERA, E.-Abh.B.I341p.85; K.S.A.p.22; Prit.p.325; (Dietyopyxis)---
GLIGAS, E.-Mik.pl.30-ID115; Prit.p.325; Wolle, 32f10; Det.Syll.p.II48;
GLOBATA, Bailey, A.J.S.I342p.33-212; K.S.A.p.22; Prit.p.325-171
506-509; Wolle pl.22f2-4; Det.Syll.p.II50;
GLOBOSA, (E)-K.S.A.p.23; (Xanthiopyxis)---
HELLENICA, E.-Ach.Ber.I340p.226; Mik.pl.I9fI3a:
(Coscinod.; -Dietyopyxis; -P.cruciata, v.)
HIRSUTA, E.-A.Ber.I341p.36; K.S.A.p.22; Prit.p.327; (Xanthiopyxis.)
LENS, E.-Abh.Ber.I341p.35; K.S.A.p.22; Prit.p.327;
Wolle, 32f10; Det.S.p.II49; (Dietyopyxis.)-
LINEATA, E.-Abh.B.I341p.36; K.S.A.p.22; Prit.p.325; (Stephanopyxis.)
Wolle, pl.32f8;
LONGA, E.-Abh.Ber.I341p.30; K.S.A.p.22; Prit.p.325; Det.Syll.p.II48;
MAJOR, Bailey, A.J.S.I342p.212; K.S.A.p.22; Prit.p.325; V.T.I.1-1-12; V.S.A.p.21; V.S.A.p.12, pl.2; Breb.D.C.p.8; Prit.p.325; U.S.A.I.19f10; A.C.I337p.71;
Det.Syll.p.II48;
MEDITERANEA, Grun.-V.I.9-f1.95f17, 18; Ital.; Det.Syll.p.II49;
MINOR, (Baill.)-K.D.I.51-II23; K.S.A.p.22; Det.Syll.p.II48; (Dietyopyxis)---
C.p.8; Schae.I334p.13; Det.Syll.p.II50; (Coscinodiscus; -Dietyopyxis)---
MINUTA, Grun.I334p.92-5f6;
NAEGELI, K.S.A.M.339; Prit.p.325; R.E.D.p.34; Det.S.p.II49;
OBLONGA, E.-K.S.A.p.23; (Xanthiopyxis.)-
OCULUS-CHAMELEONTIS, E.-Abh.Ber.I341p.85; (Mastogonia)---
OPERCULA, E.-Abh.B.I341p. ; Inf.p.105-101; Mik.pl.16-II46; A.J.S.I342p.33-211; Prit.p.324; (Cyathodiscus; Cynodiscus; -Trist.; -V.minor.)-
PRATEXTA, E.-Abh.Ber.I341p.36; Mik.pl.I9fI5; K.S.A.p.22;
Prit.p.325; Det.S.p.II49; (Mastogonia)---
PRISCA, E.-Inf.p.105; Mik.pl.18-30f12; 37-715; Prit.p.325; Det.Syll.p.II48;
RADIATA, Grun.-J.C.S.I337p.23-100; Det.Syll.p.II48; (Coscinodiscus)---
SCARABAEUS, E.-Ralfs, Prit.p.325; Det.Syll.p.II50; (Dietyopyxis)---
SUBTILIS, E.-Det.Syll.p.II50; (Dietyopyxis)---
TURCEOLARIS, E.-Abh.Ber.I341p.35; K.S.A.p.22; Prit.p.325; Wolle,
32f19; Det.Syll.p.II50; (Dietyopyxis; -Xanthiopyxis)---
WEISSEANA, Grun.I334p.35; Det.Syll.p.II48; (St'pyxis.turris, var.)---

+ baltica, Hensen, Fünft. Ber. Komm. Kiel 1882 p. 87-5f33: - (*Guinardia* f.)

7 rotundata, Hensen, - 5th Ber. de Komm. in Kiel p. 88:
ce. 1897 p. 20: - (*Cerataulina Bergonii*).

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WEIPRECHTII, Grun.-V.H.S. 1331. 92-113; Murray Review 1. 133; J. Q. C. 1337; 1. 1117;
 " v. SIMONISIANA, Grun.-V.H.S. 1331. 42; Det. Syll. 1. 1113;

PYXILLA.-(*Det. Syll.*)

ACULEIFERA, Grun.-V.H.S. pl. 33, f13, 14; J. Q. C. 1337 p. 71;

Det. Syll. p. 1017:

(Pterotheca?)--

" var., H.V.H.S. pl. 33b, f5:

"

AMERICANA, Grun.-V.H.S. pl. 33b, f1-3; Pant. Ipl. 23f233; 2, p. 75; Bran &
 T. p. 73; Wille, 65f3, 17, 13; Det. S. p. 1015:

(Rhizosolenia.)-

BALTICA, Grun.-A. Schm. N. D. p. 93-3f25; V.H.S. pl. 33f1, 2; Cl. Vega p.

433; Witt 13351. 30-11112; Pant. 2p. 75; Det. S. p. 1016: (P. humpalica.)-

" var., H.V.H.S. pl. 33b, f4:

BALTICA, Hensen.-V. Ber. der Comm. zur Unters. der Deutschen

Meer.-

(Henseniella.)

BARBADENSIS, Grev.-T.M.S. 1365p. 2-1f5; Det. S. p. 1015:

BARBOI, Br.-LeD. Vol. 2 No. 17p. 37-5f15, 17, 23;

(Rhizosolenia?)-

CAPUT-AVIS, Br.-LeD. Vol. 2, No. 22p. 242-19f11:

CARINIFERA, Grun.-V.H.S. pl. 33f6; Det. Syll. p. 1016:

" v. fossilis, Pant. 3p. 33f423; Det. S. p. 1016;

" v. russica, Pant. 3p. 33f491; Det. S. p. 1016:

CORNUTA, Pant. Ipl. 43-9f76; Not. 1333p. 542; Pant. 2p. 75; Det. S. p. 1013;

DIRECTA, Pant. 3p. 33f153; Det. Syll. 1. 1017:

DUBIA, Grun.-V.H.S. pl. 33f7, 3; Cl. & H. No. 133; Pant. 2, p. 73:

Wille, 65f24; Det. S. p. 1017: *J. Q. C. 87p. 71:*

" var., H.V.H.S. pl. 33b, f12;

HUNGARICA, Pant. 3p. -23f392; Det. S. p. 1017:

(Pyx, Baltica.)

JOHNSONIANA, Grev.-T.M.S. 1365p. 2-1f6; J. Q. C. ⁸⁷⁻71-5f10; Det. S. p. 1015;

" v. corniculum, Br.-LeD. Vol. 2 No. 22, p. 243-19f12, 13;

KITTONIANA, Grun.-V.H.S. pl. 33f10, 11; Wille, 65f21;

Det. S. p. 1016:

(Pterotheca.)--

LUNYACKSEII, Pant. 3p. 1. 23f1337; Det. S. p. 1017:

PROLUNGATA, Br.-LeD. No. 12p. 176-24f7:

RETICULATA, Grove & Start.-J. Q. C. 1337p. 145-13f50; Notar. 1333p. 474;

Det. Syll. p. 1015;

RUSSICA, Pant. 3p. 1. 19f277; Det. S. p. 1017:

SPACA, Br., De Toni, Syll. p. 1016:

(Pterotheca.)--

STEPHANOS, Hensen.-V. Ber. der Comm. zur Unters. der Deutschen

Meer.-

(Henseniella.)-

SUBULATA, Grun.-V.H.S.; -Wille, 65f19; Det. S. p. 1017: (Pterotheca.)-

VARIABILIS, Grun.-V.H.S. pl. 33f15, 4; Cl. Vega p. 433; Det. S. p. 1016:

VASTA, Pantoc. 3p. 40f551; Det. Syll. p. 1017:

RADIOPALMA.-(*Det. Syll.*)

DICHOTOMA, Bran 139Ip. 42-17f6a, b; Det. Syll. 1. 1323:

RALSIA.---(*Det. Syll.*)

HYALINA, O'M.-I. D. p. 293:

(Diatoma; -Trag. tenuissima & h.)

---(*Det. Syll.*)--

Adriaticum ^{as. atlas} 217 f 17-29; Breb. D. C. p. 11; - Atlas 22 f 14:

arcuatum, Jd. C. 1892 p. 30 Sch. at. 22 of 17-22: Int. Dm. p. 24:

" *forma contracta*, Fricke, - Schm. at. 22 of 23-26:

+ Crozierii, Atlas pl. 22 f 1

: : : : :

MINIMA, O'M., I.O.p.293:

(Diatoma hyalina & m.)----

TABELLARIA, O'M., I.O.p.293-23f2;

(Fragilit.)--

RATTAYELLA.-- (Kütz., 1877)

JAMARUENSIS, Grun.-Det.Syll.p.1030; Pant.2p.100: Notul.1359p.591:

(Debya, of Rattr.; -Glyphodiscus O., scintillans & Simbirskianus; -
Epodiscus O. & Simbirskianus.)

REICHELTIA.-- (Kütz., 1877)

Led.Vol.2, 1895 No.12, p.132: -(Gomphonemina.)-

PFEIFFERII, Oestrup, 1897p.112: 113

RHABDIUM.-- (Wallroth, 1834)

OBTUSUM, Wallroth.-Flora Crypt.Germaniae, 1834;

(Synedra alba.)

RHABDONEMA.-- (Kütz., 1877)

-, Mance.A.M.S.p.466; (Oestrup, 1897p.112: 113)

-, Wille pl.34f20: (Oestrup, 1897p.112: 113)

ACRIATUM, K.-Linn.1340p.270-412; K.S.A.p.113; S.

B.O.2p.35-33f305a(I), b(I), b; - *Yamf. p.45*: Vain.1.3.75; Pitt.1.300-

13f27; Grun.1352p.424; 1353p.4; J.R.S.S.1353p.92; Jan. & R.p.12-3f19; Carr.1.39;

Araissone 1354p.399; Lewis, N. & R.S.p.71; Pitt.1.300p.

221; 1373p.25; 1373p.14; Vega pp.434, 503; R.Alg.Eur.No.1401; R.E.D.

p.306; Reinhard; Ditt.11 1370p.12-3f19; Petit Cat.1.34; O'M.I.O.p.

319; M.T.P.2-I-6: Lagr.1376p.23; V.H.S.p.166-54f11-13; T.No.360; J.

Q.C.1385p.168; Malaisie: Shark River: Trian 1335p.63-6f15; Parag.p.

74; Villef.p.37; Pant.2p.33; Det.S.p.754; Wille, 5f12-4; (Oestrup, 1897p.112: 113)

v.fossilis, Pant.2, p.33; Det.Syll.p.764:

ACRIATUM, K.S.p.126-13f3; K.S.A.p.113; S.B.O.2p.31-33f205a, f,x; D.C.p.//;

D.C.p.//; Westendorp, G.: R.Alg.E.Nos.725, 1244; Desmaz.I, No.1473; 2,

No.1073; M.C.pls.13f13; 43f69; J.R.S.S.1363p.92; Pitt.1.304-3f1130-

132; 10f205, 201; Grun.1352p.423; 1316p.70; Jan. & R.p.12-3f19; Pitt.

Sp.T.No.30; Lewis, N. & R.S.p.71; Carr.1.39; Grun.1353p.12-2f14; R.

E.D.p.306, f32; Reinhard; Law.N.1.11-114; Grun.1.30; Cl.1357p.304;

1353p.221; 1373p.24; Nares; Vega p.434; 1391p.54; Villef, Baltic; S.

Sp.T.No.433; Petit Cat.p.35; M.T.P.2-I-6-22 to 24; Grun.1353p.30; Cl.

& M.No.39; Lagr.1376p.22; Grun.1.45; V.H.S.p.166-54f11-13; T.No.

361; J.Q.C.1331p.131, pls.7, 5; 1353p.309-2015; Parag.p.74; Villef.p.

67; Shark River; Wille, 5f15-7; Malaisie; Det.Syll.p.754; (Oestrup, 1897p.112: 113)

(Achnanthes; -Conferva a. & striatula; -Diatoma a. & striatula; -

Striatella; -Tessela a. & catena.)-

var., Cl. & M.No.70; M.T.P.2-I-1, 2;

v.ventricosa, Cl.1373p.24-4f21: Oestrup 1897p.241:

ATLANTICUM, K. & S.-T.B.C.Vol.13, p.75-39f7; Wille, 33f17; Det.S.p.755:

BIQUADRATUM, Brun. & Tem. p.52-115; Det.S.p.756; (Oestrup, 1897p.112: 113)

CROZIERI, E.-Ratis, in Pitt.1.305-4f16; Grun.1352p.423; Petit Cat.p.

35; M.T.P.2-I-4, 5; R.E.D.p.306; V.H.S.p.166-54f11-13; Cl. & M.No.122;

Det.Syll.p.751; (Oestrup, 1897p.112: 113) (Striatella.)--

DIMINUTUM, Pantoc.3p. -23f412:

gypocum n. sp. -

" *salicifolia*, B. & H. - Atlas 218 f 7-12:

" " *forma sparsicatata*, F. H. - Atlas 219 f 2-5:

+ *minutum*, Oestrup 1897 p. 341: J. D. L. & S. D. O.
Atlas 219 f 3-17; Fot. D. M. p. 24:

" *var. sulcata*, Fricke. - Atlas 219 f 18-20:

oleatum, Atlas 220 f 30-32 = 218 f 1 ~~220 f 1, 2~~: 221 f 17-24:
serotinum, Fricke. - Atlas 220 f 30-32: - (*R. arcuatum*, var. ??) - 221 f 2-8:
" *forma parallelolateralis*, Fricke. - Atlas 220 f 27-29:
serotinum, Fricke. - Atlas 220 f 30-32:

RABDOGENA. ----

- LEUCONIS, Brun & Tp. p. 1. 11-1311; Det. Syll. p. 732; 10: 221/16; ----
 LUCONIS, Br. - L. 30. No. 12, p. 177-2112-c; 10: 221/16; ----
 HAMULICUM, Vittori. - S. W. M. S. 1373p. 244-13122; Petit Cat. p. 1. 11-1312;
 Pant. Ip. - 6f48; 2, p. 69; Det. S. p. 734; 10: 221/16-7;
 HAMULIUM, Petit. - S. W. M. S. 1373p. 244-13122; Petit Cat. p. 1. 11-1312;
 Det. S. p. 732; (R. Japonicum.) --
 JAPONICUM, Brun & Tp. p. 53-1f6; Pant. 3p. - 30f440; Det. S. p. 732;
 (R. Fairlie & Mikado.) --- Atlas 218f18-21 219 69
 v. recta, Brun & Tp. Det. Syll. p. 733; Atlas 219f10-12;
 v. sparsicostata, Brun & Tp. - Det. Syll. p. 733; Atlas 218f13-17 219;
 MIKADO, Pant. 3pl. 33f439, 470; (R. Japonicum.) --
 MINIMUM, K. B. p. 126-2f2(4); K. S. A. p. 115; S. B. D. 2p. 35-33f306; Q. J. M. S.
 1353p. 92; Grun. 1352p. 422-3f1; Prit. p. 925-4f1; Grun. 1352p. 422-3f1;
 Lewis, N. & R. S. p. 71; Heib. p. 70; Guinand p. 33; Carr. p. 39; Hull; Cl.
 1357p. 665; 1363p. 221; 1373p. 25; 1391p. 64; R. E. D. p. 306; O. M. I. D. p.
 329; Flogel, Baltic; Pet. Cat. p. 54; Lagr. 1373p. 22; Fortm. Cey. p. 55; Sm.
 Sp. 1. No. 433; Deby Polder p. 21; M. T. P. 2-1-3; Dannf. p. 45; V. I. S. p. 160-
 64f17-21; T. No. 362; Parag. p. 74; Villef. p. 37; Wollf, 3f16-1f; Det. S.
 p. 733; Malaisie; (Frag. Carmichaelii & striatula; - Tessela catena.) --
 MIRIFICUM, S. B. D. 2p. 35, Note; Q. J. M. S. 1359p. 130-9f11; 1353p. 92; Prit.
 p. 305-3f12; Jan. & R. p. 12-2f19; B. S. N. 1. 1355p. 101; R. E. D. p. 306;
 Sm. p. 1. No. 160; Malaisie; (R. Japonicum.) --
 MUSICA, Brun 1391p. 42-13f5; 14f8; Pant. 3pl. 34f439;
 Det. S. p. 735; Atlas 218f18-20 = (R. Japonicum.) --
 ROBUSTUM, Grun. 1352p. 422-3f1; R. E. D. p. 306; Det. S. p. 731; +
 TORRELLI, Cl. 1373p. 24-110; V. I. S. p. 160;
 VALDELLUM, Brun & Tp. p. 53-1f6; Det. S. p. 732; Atlas 218f18-20 = (R. Japonicum.) --

RABDOGENA. - (F. 1867)

MOLLUCENSIS, E. - Abh. Ber. 1359p. 52, pl. 2-3f11; Det. S. p. 331;

RHAPHIDODISCUS. - (Christian 1837)

- CHRISTIANI, Gascoyne. - The Micr., 1337; 1339p. 132-6f4;
 Wollf, 34f2; Det. Syll. p. 313;
 WEBIGERI, Christian, l. c., 1337; 1339p. 132-6f1, 2; Det. S. p. 313;
 Wollf, 34f3, 4; (Coccineis.) ---
 MARYLANDICA, Christian, l. c., 1337; 1339p. 132-6f5;
 Wollf, 34f1; Det. Syll. p. 313;

RHAPHIDOGLOBA. - (Det. 1867)

- , V. I. S. p. 160-142;
 INTERRUPTA, K. B. p. 110-22f15; K. S. A. p. 97; Prit. p. 925; R. E. D. p. 144;
 Grun. 1352p. 470-11f15; Det. S. p. 735; Atlas 218f18-20 = (R. Japonicum.) --
 MANIPULATA, K. B. p. 110-22f15; K. S. A. p. 97; Prit. p. 925; R. E. D. p. 144;
 Grun. Vol. 7, p. 5; (Berkeleya; - Schizonema radians.) ---
 RADIOSA, K. B. p. 110-22f15; K. S. A. p. 97; Prit. p. 925; Grun. 1352p. 470-
 11f5; Grun. Vol. 7p. 5; R. E. D. p. 144; (Berkeleya; - Schizonema radians.) ---
 MICANS, K. B. p. 110-22f15; K. S. A. p. 97; Prit. p. 925; R. E. D. p. 144; (Berkeleya; - Schizonema radians.) ---
 f. fortm. D. M. p. 19

2-7-80

Cynophoros, Fortm. 1888 in 7: Cey. and 2: 1888

.....
 Rant. Atq. Ent. No. 159; Grun. 13521. 471; B. S. A. p. 100, 101; V. S. A. p. 100.
 453: (Rh. p. 100, 101; V. S. A. p. 100, 101) --

RHAPHIDOCOCCUS. -

A Subgenus of Enotia; --

---Vide Ehrb. in Abh. Ber., 1870 p. 55.---

RHAPHIONEIS. -

-, Ehrb., Abh. Ber. 1871, 18. "1" 10; "2" 11:

AFRINIS, Grun.-Pant. Ip. 35-23f266; Notar. 1333 p. 533;

Wolle, 33f25; Del. S. p. 706:

AFRICANA, E.-Mik. p. 226; Prit. p. 792; Del. Syll. p. 709:

AMPHICEROS, E. - ~~Moh.~~ Ber. 1344 p. 37; Mik. pls. 13f82; 33-14f22; 33-13f20;

Prit. p. 791-14f21; Carr. p. 36; R. E. D. p. 126; Floegel, Baltic; Danf. p. 43;

Lagr. 1373 p. 13; O'M. I. D. p. 295-23f3; Mobile; V. S. p. 147-30f22, 23;

116f17; T. No. 276; Italy; Atlantic City; Cl. Vega p. 499-37f52a: Wolle,

37f13, 20; Del. S. p. 699; Herib. p. 136; *Pant. Cap. Horn* (Cocconeis; -

Coryphæa; - *Trag. 11*: - *Rh. rhombica*, *var. costata*, *var. pacifica*, *var. triangularis*.) ---

v. *californica*, Grun.-V. S. p. 147-30f24; Wolle, 37f19:

v. *castracanei*, Grun.-Cl. Vega p. 499: (Rh. Cast.)

v. *cruciata*, Cl. Vega p. 499-37f52b; p. 507: (Architectas c.)

v. *leptoceros*, O'M. I. D. p. 295: (Rh. lept.)

v. *major*, Cl. Vega p. 499:

v. *pentagona*, Cl. Vega p. 499-37f52c;

v. *rhombica*, Grun.-V. S. p. 147-30f20, 21; Wolle, 37f21, 22;

Del. Syll. p. 700:

v. *tetragona*, Grun.-V. S. p. 147-30f21;

v. *triangularis*, Cl. Vega p. 499:

v. *trigona*, Grun.-V. S. p. 147-30f21; Cl. Vega p. 499: Pant. Ip. -29f292;

ANGUSTA, E. ~~Moh.~~ B. 1344 p. 364; Mik. p. 140; V. S. A. p. 49; Prit. p. 792;

ANGUSTATA, Pant. Ip. 33-11f97; 30f313; Notar. 1333 p. 533;

Pant. 2p. 62; Del. S. p. 703; (R. rhombus, var., & Szakalensis.) ---

ALICERI, O'M. I. D. p. 1371. 247-7f12; Wolle, 33f3, 19; Del. S. p. 703;

(Cocconeis costata & Pacifica)

ASIATICA, Bn.-Brun & Tp. 1. 51-1f3; Del. S. p. 706: (R. Buchsii.) ---

AUSTRALIS, V. S. p. 91. 1. No. 439; A. S. A. p. 1073. 11-30f3;

(Trachysphaenia A. & var.) ---

BALDOCKII, Grun. 13521. 379; -(Ach. anthrac; -Car. p. 100; -Cl. Vega p. 499.) ---

BELGICA, Grun.-V. S. p. 147-30f25; T. No. 277; Atlantic City;

Wolle, 33f3; Del. S. p. 700; Herib. p. 136; (R. pretiosa, v.)

v. *elongata*, Grun.-V. S. p. 147-30f29; Herib. p. 136;

v. *intermedia*, Grun.-V. S. p. 147-30f28;

BICUNEATA, Grun.-Cl. & M. S. 203; Del. Syll. p. 700:

BILINEATA, Grun. & Cl. Vega p. 499, 507; Del. S. p. 703:

forma *contracta*, Grun.-Cl. Vega p. 499; Del. S. p. 703:

" *elliptica*, Grun.-Cl. Vega p. 499; Del. S. p. 703;

" *lanceolata*, Grun. & Cl. Vega p. 499-37f55b; Del. S. p. 703;

" *protracta*, Cl. Vega p. 499-37f55a; Del. S. p. 703;

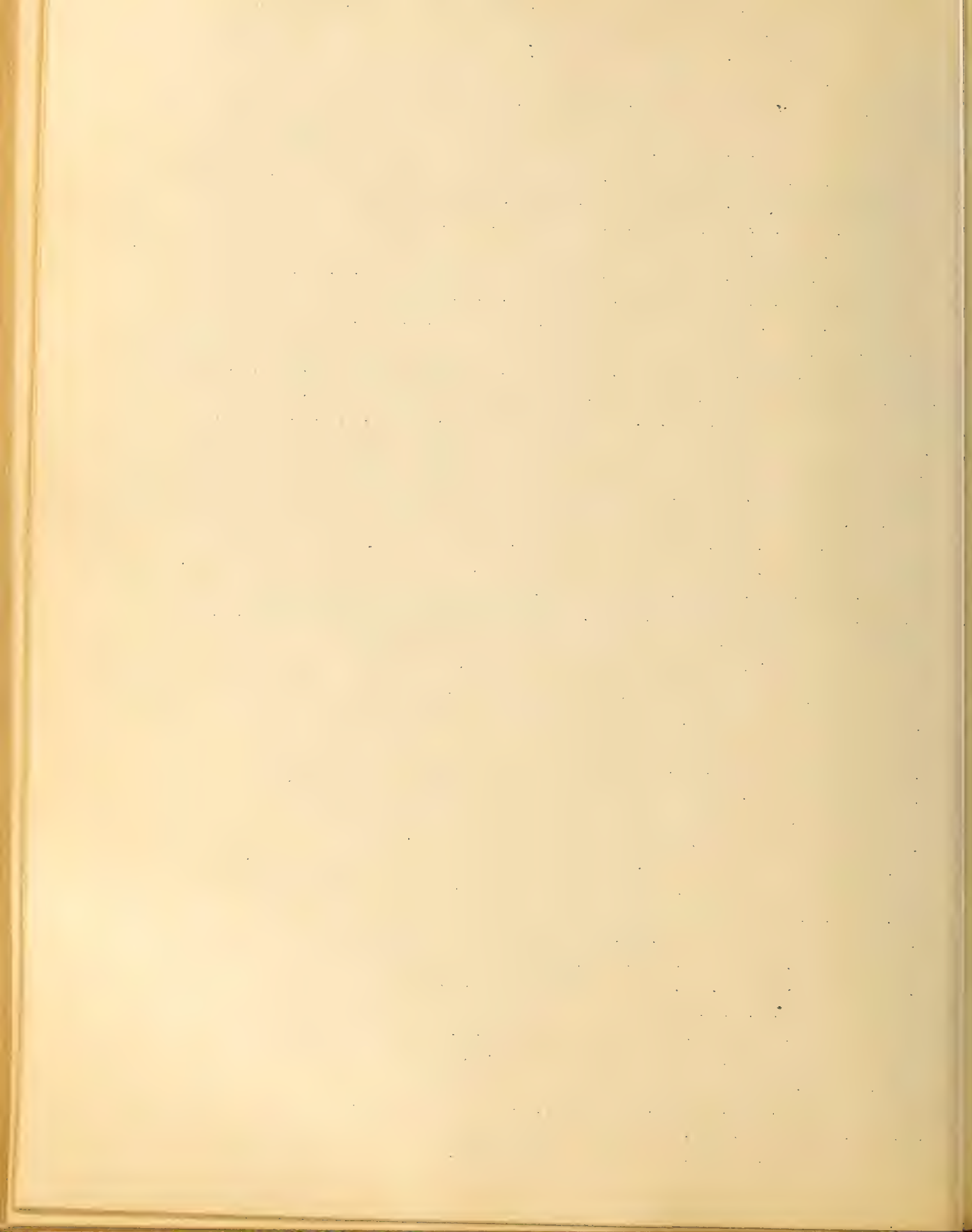
+ fasciolata, Fortm. d. m. p. 7.

+ " v. Australis, Petit, Cap Horn.

✓ + fluminensis, (Achard des Loires)

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- BISERIATA, Pant. Ip. 35-27f263; Notar. I333p.533; Det. S. p. 705;
 BORYANA, Pant. 2p. 62-23f400; Det. S. p. 704;
 CADUCEUS, Grun. -V.H.S. p. I47-37f5; T. No. 279; (Septionensis.)-
 CAPENSIS, A.S., Atlas I93fI3;
 CASTRACANEI, Grun. -V.H.S. pl. 36f23; T. No. 273;
 Det. S. p. 709; (R. amphiceros, v.)--
 COCCONEIS, E. -Ach. B. I359p. 52, pl. 2-If7; Wolle, 37fII; Det. S. p. 703;
 DEBYI, Pant. Ip. 34-3f70; Notar. I333p. 539; Pant. 2p. 63; Det. S. p. 705;
 DELICATULA, Pant. I. 34-If3; Not. I333p. 535; Det. S. p. 704;
 DIGITUS, E. -Mik. p. 333; Prit. p. 792; Det. S. p. 703;
 DUBIA, Grun. I363p. 99-Ia, f6; (R. rhombus, v.)--
 ELLIPTICA, E., Mik. p. 82; Castr. I337p. 49-23fI3; Det. S. pp. 702, 709;
 ENTOMON, E. -Mik. p. 36; Prit. p. 792; Det. S. p. 709;
 FASCIATA, E. -Mik. pl. 35A-9f3x; Prit. p. 792; R.E.D. p. I25;
 Det. S. p. 709; (Doryphora amphiceros
 FASCIOLATA, E. -Ach. Ber. I341p. 234; Mik. pl. 35A-22fI6; K.S.A. p. 49; M.J.
 I854p. 75-6f3; Prit. p. 792; Jan. & R. p. I2-IfI4; R.E.D. p. I25; Petit Cat.
 p. I3; Nimrod; Fortm. Cey. p. I2; Deby Pola. p. 22; J.R.M.S. I373p. 238-If3;
 Malaisie; (Campyloneis Grevillei, v.; -Doryphora (R. amphiceros.)--
 v. Australis, Petit Cat. p. I3-4f6; *Rhm S. 1878, 214f6*; (R. sarinella, v.)--
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7 " " truncata, Gran N. & p. 6-4 f 67: - (R. obtusa.)

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- " v. arachnoides, K.B.p.122-913; ~~1332p.351-7f1~~ (Lichnoph.)
- HYALINA, H.L.Sm.Sp.1.No.443; (Lichnoph.)
- MUBECULA, K.B.p.122-8f16; K.S.A.p.112; Rab.Alg.Eur.No.1331;
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- OCEANICA, K.B.p.122-1014; K.S.A.p.112; Westw.Moll.G.: Prit.p.771;
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- " var. "b", flabellata, K.B.p.122: Prit.p.771; K.S.A.p.112;
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- " v. Meneghiniana, Grun.1332p.351; (Rhaphoneis M.)
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- TINCTA, Ag.-Ralfs, Prit.p.770; -(Gomphonema tincta; -R. elongata; -Lic.)-

RHIZONOTIA. - (Ehrh, 1842)

- MELO, E.-Abh. Ber. 1343p.140; Mik.p.7: Prit.p.333-3f41;
 (Amphora; -Rhizosolenia.)

RHIZOSOLENIA. - (Ehrh, 1842)

- , Bailey, A.J.S. 1344p. -3f29, 25; 1345.1201; ~~1346.1202~~
- ALATA, Brtn.-M.S. 1353p.93-513; 1359p.14-211-4; Prit.p.333; Carr.p.97;
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 " v. gracillima, Cl.-V.N.S.pl.79f10; 1.No.443; Det.S.p.330;
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 " v. asymmetrica, Cl. Vega p. 430-4712; Del. Syll. p. 190; (Navicula.) --
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 COMPACTUM, Grun.-Cl. 1873p.9; 1880p.54: Vega p.477; Per. Pleur. p.35-
 10f7, 3; Def. S. p.268:-(Donkinia; -Gyrosig.; -Pleurosigma; -R. Reichardtii)
 " v. curvata, Grun.-Per. Pleur. p.35;
 CALCATUM, Donkin.-Grun. in Per. Pleur. p.31-9f25-27; Hew. 1857p.20;
 Def. Syll. p.268: (Pleurosigma; -Toxonidea.)
 INCERTUM, Per. Pleur. p.1.9f21; Def. S. p.270: (Pleurosigma.)
 LINEARE, Grun.-1880p.54; Per. Pleur. p.32-9f11;
 Def. Syll. p.270: (Gyrosigma Pleur.)-
 MAROCCANUM, Cl.-Per. Pleur. p.32-9f22; Def. S. p.270: (Pleur.)-
 MEDITERRANEUM, Cl.-M.J. 1877p.132; N.L.K. 1877p.16-1f9; Malaisia;
 Per. Pleur. p.32-9f29-32; Def. S. p.269: (Gyrosigma.)
 " v. calcarea, Bn.-Per. Pleur. p.32-9f28; Def. S. p.269:-(Gyros. Med., var.)--
 MERESCHOWSKYI, Reinhardt.-Def. Syll. p.270: (Aphrodite.)
 OCEANICUM, Per. Pleur. p.33-10f15, 3, 10-13; Def. S. p.269:-(Gyros. 1880p.54)-
 REICHARDTII, Grun., Hew. 1857p.19; M.J. 1877p.131-19f19; Malaisia;
 Cl. 1873p.93; Vega p.477: (Gyros. & R. compactum.)-
 ROBUSTUM, Grun.-Cl. 1873p.23; Vega p.477: Def. S. p.269:
 Per. Pleur. p.33-10f2, 3; (Gyros; -Pleurosigma.)
 " v. inflexa, Per. Pleur. p.34-10f4; Def. S. p.269: (Gyros. rob. v. inf.)
 ?? SAMOENSE, Grun.- (Pleurosigma.)
 ?? STAUROPHORUM, Grun.- (Pleurosigma.)
 SELCATUM, Cl. 1880p.54:
 TANTALUS, Cast. Notat. 1857p.371; Def. S. p.269:
 ALISFLOCI, Grun.-Cl. 1880p.83; Per. Pleur. p.31-9f12, 14; Def. S. p.269:

RHODOSPRAEMIA.-(Grun. 1860p.1)-

- , Grun. 1860p.511: -, Pfitzer p.91:
 -, Tanaka 1879p.43; -, Def. S. p.269:
 CONTRACTA, Rabh. E. D. p.292; Def. Syll. p.433: (Gomphonema c.)--
 CURVATA, Kütz.-1836p.112; M. 2. p.1.15f19; Schum. 1871p.34; Cl. 1877p.133;
 1880p.239; 1873p.25; Nares; Vega p.463; 1891p.33; Cl. & M. No. 241;
 Alp. En. Nos. 433, 431; Grun. 1863p.8; 1873p.13; Def. S. p.269; M. 2. p.1.
 112, f23a, b; Sur. Jap. p.17-2f30; Pfitzer p.91-6f9; Kirch. Alg. Schlies.
 p.195; Eiben, 1871; Flopel, Baltic; Petit & Lema.; Nimou; Cat. p.10:
 1873p.13; Grun. Alp. 1. 41-3f21; M. 2. p.1.1-3-3; Reinhardt; Leg. 1860p.
 33; Tanaka 1879p.43f26b; Italy; V. 1. S. p.127-20f1, 2; T. No. 224:-----

- 1860 p. 511; - Atlas 213 f 1-5
- " var. major, Cl. Nav. 2 p. 165: Atlas 213 f 15, 16:
- " forma minor, a.s., Atlas 213 f 18:
- var. fructu, Schum. - Cl. Nav. 2 p. 165: - (Gomph. f.)
- " " subacuta, a.s., Atlas 213 f 6-14, 19:
- " " gracilis, a.s., Atlas 213 f 17:
- Cl. Nav. forma major, a.s., Atlas 213 f 28-31:
- " " minor, a.s., Atlas 213 f 32-34:
- " v. heterosticta, a.s., Atlas 213 f 35:
- " v. intermedia, a.s., Atlas 213 f 36-37:
- R. pullus, a.s., Atlas 213 f 24-27:

X. opalodea.

(Ott. Muller, 1895, Lepid. -
in Archivum.)

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Perag. p. 52; Villot. p. 33; Delile, *Gram.*: 1801, p. 111-112; *Gram. Vern.*:
 Truan 1835 p. 55-4f II; Herib. p. 51; Del. S. p. 437; *Contemp.* 1871, p. 117;
 (Gomphonema c. & minutissima) ---

var. "a", aquatica, K.-R.E.D. p. 112:

var. "b", salina, K.-R.E.D. p. 113:

(Gomph. minutiss.) ---

var. "g", pulvinata, K.-R.E.D. p. 113:

var. "d", marina, K.-R.E.D. p. 113, f23c; M.D. p. 1.43f I9b; V. i. S. p. 1.
 23f4; T. No. 225; Italy; Perag. p. 52; Wille, 27f I7, I3; Del. S. p. 437;

(Gomphonema m.) --- Petit, *Cap Horn*:

OSPIDATA, Rabh. E.D. p. 292; Del. Syll. p. 433:

(Gomph. c.) ---

PRACIA, Schum. 1867 p. 44; Petit liste p. 17; Gallik, Palan;

Del. S. p. 433:

(Gomph. f.)

var. "b", Baltica, Schum. 1867 p. 54-If I9; Dannf. p. 23;

PRACIA, Schum. 1867 p. 44:

(Gomph. f.)

VANIEURCKII, Grun. - V. i. S. p. 127-23f5-9; Del. S. p. 433; del. 10. p. 51;

Cl. Nav. 2 p. 165:

RIMARIA. - (Kütz., 1842) -

A Subgenus of Syneura:

VIDE K.B. p. 69; Meneg. A.N.D. p. 403. ---

ROPERIA. - (Grun., 1880) -

TRISSELEATA, Grun. - V. i. S. p. 113f6, 7; Del. Syll. p. 1037:

(Actinocyclus; -Euphausiids.) - Cl. 1897 p. 25

ROSARIA. - (Carm., 1827) -

GLOBIFERA, Carmichael in Hooker's British Flora, Vol. 2, p. 372; A.M.

K.S. Vol. 12, p. 910: (Melosira salina, var., & l.; -Rosaria salina, var. l.)

DELIGERA, Carm. - Hooker's Brit. Fl. Vol. 2, p. 372; K.S.A. p. 28:

(Melosira l. & lineata.)

ROUXIA. - (Brun., 1893) -

PERAGALLI, Bn. - LeD. No. 12 p. 177-12f2; Heribaud p. 153-If I2a-c:

RUTILARIA. - (Grun., 1863) -

ROBADENSIS, P

(Plagiogramma.)

CALATA, Brun & T. p. 54-If3; Pant. 3pl. 33f472; Del. Syll. p. 1022:

(R. spallion, var.) ---

CATENATA,

(Clavilaria.) ---

ICANTULA, Grun. 1867 p. 92-13f14; Not. 1867 p. 398; Del. S. p. 1022:

ELLIPTICA, Grev. - M.J. 1863 p. 219-9f2; T.D.S. 1863 p. 127-11f2, 13:

Del. S. p. 1022:

EPSILON, Grev. - M.J. 1863 p. 223-9f1; J.R.C. 1867 p. 64; Wille, 63f1:

Del. S. p. 1021:

(Nitzsena? - R. calata & longicornis.)

v. longicornis, Tl. & Bn. - Atlas 183f13-16:

v. hexagona, Grun. - Del. Syll. p. 1021:

(R. calata?)

v. tetraedris, Grun. - Del. S. p. 1021:

(R. calata?)

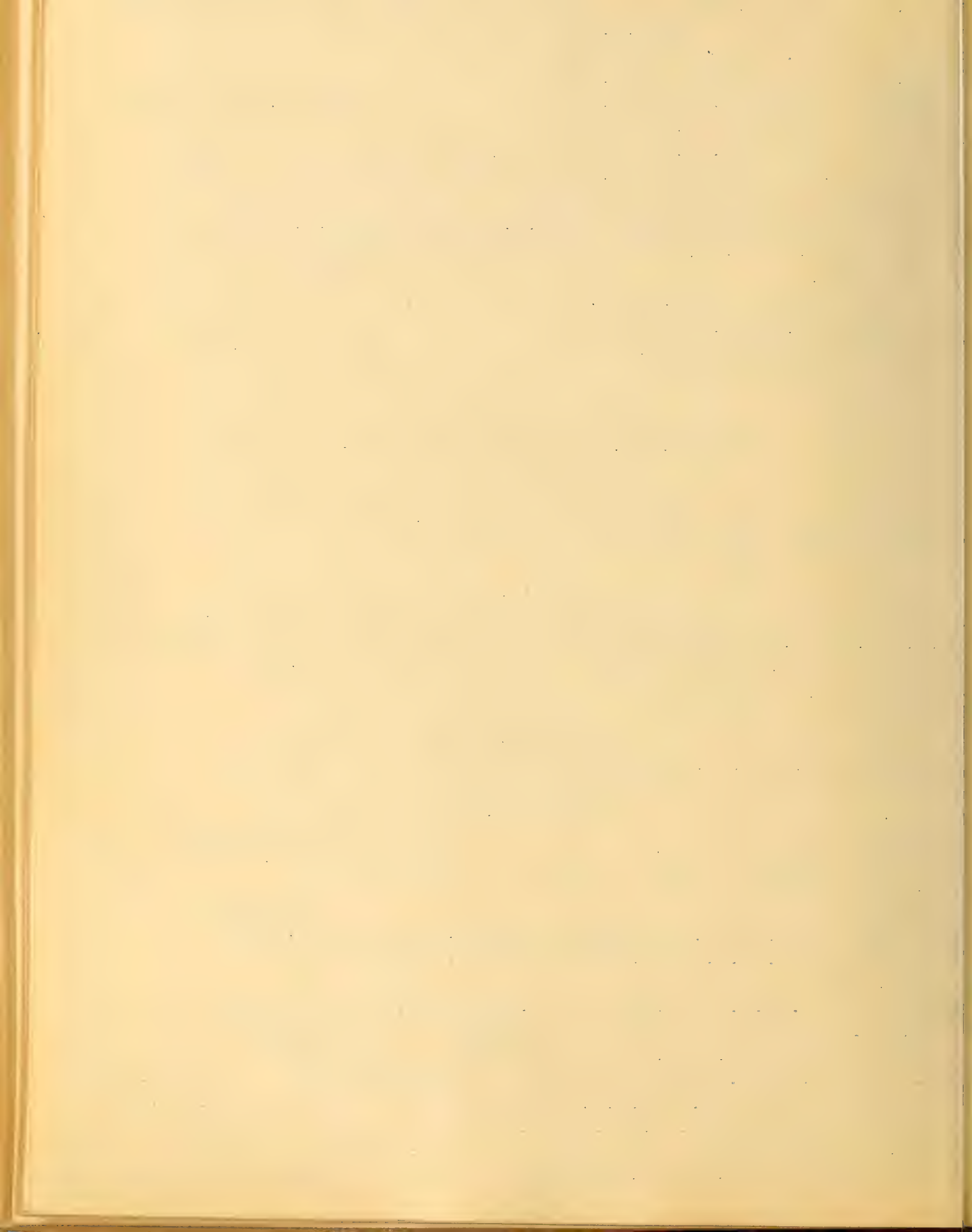
v. tenuis, Grove & St. - J.R.C. 1867 p. 74-6f13; Not. 1867 p. 349:

Del. S. p. 1021:

(R. tenuis.)

forma cornuta, Br. & Tl.

Del. S. p. 1021: - (Var. hexagona?)



MACAVATA, Bn.-Led.Vol.2No.17, p.37-5f13, 19;

HEXAGONA, Grun.-V.4.S.pl.105f3; Wollz, 6362; Atlas 133f17;

(R. epsilon, var.) ---

* v. cornuta, Brun. & T. p.55-1f2; Atlas 133f16, 19; -(R. Kerneriana sp. n., v.)

KERNERI, Pant.3pl.33f474; Det.S.p.1024; (R. hexagona, v. cornuta.) ---

LANCEOLATA, Gro. & Sturt.-J.Q.C.1336p.324-13f6; Notul.1337p.349;

Det.Syll.p.1023;

LUNICORNIS, Brun. & T.-p.54-1f1; Pant.3pl.33f473;

Det.S.p.1021; (R. epsilon, v.)

MESA, Grev.Mss.; N.L.K.D.p.19; Cat.Quickett Club 1373; Det.S.p.1022;

PHILIPPINARUM, Cl. & Gn.-Led.Vol.1p.64-10f1, 2; Det.S.p.1023;

PULCHRA, A.S., Atlas 133f20;

RADIATA, Gro. & St.-J.Q.C.1336p.324-13f4, 5; Not.1337p.349;

Det.Syll.p.1022;

RIGENS, Cl.-N.L.K.D.p.19-4f57; V.4.S.pl.105f9; Atlas 133f21-23;

Det.S.p.1024;

RUSSICA, Pant. ? (Synactonasis.) -

SUPERBA, Grev.-T.M.S.1336p.125-1f11, 12; Det.S.p.1022;

SLAVALENSIS, Pant.2p.74-24f355; Det.S.p.1023;

TENUICORNIS, Grun.-V.4.S.pl.105f10; (R. epsilon, v.) -

TOLYII, Casti.1337p.1-13f10; Not.1337p.349; Det.S.p.1023;

VENTRICOSA, Grev.-M.J.1333p.228-9f2; Det.Syll.p.1022;

Pant.1p.44-9f73; 2, p.74;

* v. Rastellus, Bn.-Led.Vol.2No.22, p.245-20f4, 5;

RUTILARIOPSIS. - (?) -

RYLANDSIA. - (Grev, 1861.)

RADIATA, Grev.-T.M.S.1336p.68-3f1; W. & C.2p.2-5f15; Det.Syll.p.1420; Atlas pl.137f23-25; J.Q.C.1333p.309-24f15;

SALACIA. - (Pant, 1889.)

BORYANA, Pant.2p.33-23f341;

(Castracania; -Rhabdonema ?; -Tetracyclis lancea.) -

SCALPRUM. - (Corda 1835.)

STRATUM, Corda.-Almanach Carlsbad 1335p.193-5f70;

(Pleurosigma hippocampus.) ---

SCAPHA. - (Eichw, 1851.)

A.M.Edwards's Mss.; -(Achnanthes angustata; -Gephyria media.) --

SCAPULARIA. - (A. S. Edwards, 1891.)

A Subgenus of Synedra.

Vide K.B.p.33; K.S.A.p.40; Mel.A.N.D.p.399.

Adriaticum, M. reg. In Herb.; (*S. tenuissimum*.)

Apiculatum, Bot. Cblt. 1880 p. 1519: 2. H. 5. p. 16 f 5: Chauvin Uly. Norman.,

" " *Apiculatum*, Bot. Cblt. 1880 p. 1519: 2. H. 5. p. 16 f 5: (M. T.)

" " *Apiculatum*, Bot. Cblt. 1880 p. 1519: 2. H. 5. p. 16 f 5: (Sch. ram.)

" " " *Scotica*, G. ram. " 80 p. 1519: 2. H. 5. p. 16 f 5:

San Diego, Cal. 1884.

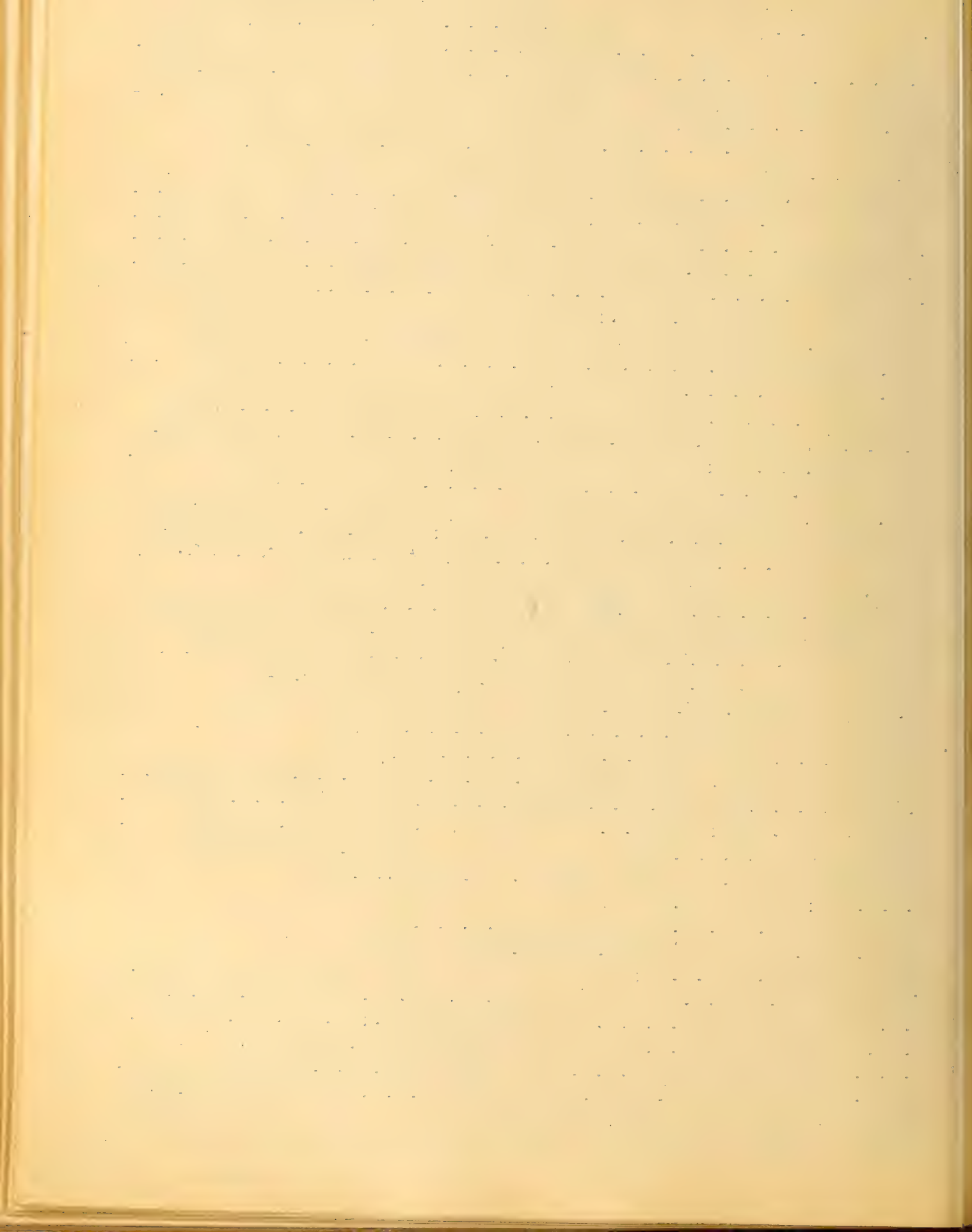
to the Hon. Secy. of the Interior.

xoxoxoxoxox

- ARBUSCULA, K.B.p.II4-27f1⁽⁴³⁾; K.S.A.p.103; Men.A.N.D.p.443;
(Micromera & S.helmentosum; -Naumema; -S.Smithii.)-
- ATREUM, K.kx-Meneg.A.N.D.p.443; (Mier.); -S.erythrosomum, var. & Ollivierii.)-
- BALTIUM, E.-Abh. Bot. I. 330p.157; Bot. p.155-156; Prit. p.923; K.S.A.p.103; Carr.p.II5; -(Monera int.; -Naumema; -S.ritellii & viridis.)---
" v.amplius, K.-Rabh.E.D.p.279; (Sch.a.)--
- BERKELEYI, K.-Rab.E.D.p.279; Del.Syll.p.204; (Lioellus; -Mier.)
- BLATTII, Ag.-Meneg.A.N.D.p.447; R.E.D.p.273; (Berk.; -Mier.)-
- BOBYCINUM, — Meneg.A.N.D.p.441; K.S.A.p.100; R.E.D.p.273;
(Mier.; -Mier. & S.Meneghiniana.)--
- ORYOPSIS, K.B.p.II4-26f3⁽³⁾; K.S.A.p.103; Men.A.N.D.p.443; R.E.D.p.277;
V.I.S.p.I.15f26; Bot.Cbl't.I.330p.1509; Del.S.p.263; (Mier.)
- CASPITULA, Suhr in Herbario-Binder; Heib.p.17; K.S.A.p.61;
(Cyrobella erythronia; -Erythronia e. & prostrata.)- ~~1876 1877 1878~~
- CAPITATUM, K.B.p.II4-27f4⁽⁶⁾; K.S.A.p.103; Men.A.N.D.p.443;
(Berk.; -Mier.; -S.obtusum, v.)-
- CARINATUM, Schum.I.369p.35-2f12; -(figure lacking.)
- CASPIUM, Gran.I.373p.10-4f21⁽⁶⁾; J.M.I.379p.630; Del.Syll.p.233;
Bot.Cbl't.I.330p.1509; -(S. minutum, v.)-
- CERCARIA, K.B.p.II5; Men.A.N.D.p.447; ~~Meneg. A.N.D. p. 447~~ ^{1876 1877 1878}
CHONDROIDES, K.-Men.A.N.D.p.444; R.E.D.p.230; Del.S.p.290;
Bot.Cbl't.I.330p.1514; (Mier.)-
- CIRRIOSUM, Meneg.Mss.; (Berk.Ehrhmergii, v.)----
- CLAVATUM, J.Ag.-Hohenberg & Ag. in Martius No.251; R.E.D.p.231;
Heaw.Vol.7, p.4; (Berk.conferta, v.)--
- COMOIDES, Ag.Cons.p.19; Hohenberg & Ag. in Martius No.251; R.E.D.p.231; Men.
A.N.D.p.447; S.B.D.2p.75-57f353; R.E.D.p.263; O.M.I.D.p.355; V.I.S.
p.15131; 1513; Cl.I.330p.45; 1511, 2511, 12; ~~Bot.Cbl't.I.330p.1514~~ ^{1876 1877 1878} (Conferva:-
Bangia ganglion; -Mier.; -Lonsda; -Davis; -S.graminis & Gallowayii.)----
" var. Cl. & H. 3.55; ~~Meneg. A.N.D. p. 447~~ ^{1876 1877 1878}
- CONVEXUM, S.B.D.2p.75-57f359; Prit. p.920; Carr.p.II5; R.E.D.p.233;
Sm.Sp.T.No.453, 459; Perag.p.31; (Berkeloo; -S.impunctum.)--
- CORNALDII, Meneg.A.N.D.p.452; R.E.D.p.231; (Mier.)
- CORNICULATUM, Ag., Al. En. taf.4; Men.A.N.D.p.443; Ag.Cons.p.24; Sm.
Sp.T.450; V.I.S.p.I.11f12; Bot.Cbl't.I.330p.1514; Del.S.p.290; -(Mier.)-
" var. "d", penicillata, K.S.A.p.291; (Mier. penic.)--
- " v.divaricata, Meneg.-Bot.Cbl't.I.330p.1514;
Del.Syll.p.291; = "p" (Mier.a.)----
- CORYMBOSUM, Ag.Syst.p.11; Cons.p.21; K.S.A.p.103; ~~Meneg. A.N.D. p. 447~~ ^{1876 1877 1878}
Ock.Plant.I.337pl.3f2; Sm.Sp.T.461; Del.S.p.292; -(S.ramosissimum, v.)--
" v.aurea, K.-Rabh.E.D.p.274; ~~Meneg. A.N.D. p. 447~~ ^{1876 1877 1878} (S. aureum.)---
- " v.japonica, Gran.-Bot.Cbl't.I.330p.1515; Del.S.p.292;
- CHIROIDEUM, Harvey Bot. p.114; K.S.A.p.103, 107; K.A.I.311.1723;
Prit.p.923; Heaw.Vol.7, p.3; Carr.p.II5; R.E.D.p.331;
(Berk.ritellii, v.; -S.(Bangia & Hohenberg) quadrifurcatum & tonsillan.)--
" v.sericeum, Suhr.-Rabh.E.D.p.233; (Sch.s.)
- CRISPUM, Montagne Prodrom. Phyc. I. 311p.15; Syll. p.473; V.I.S.p.II5-15f11⁽⁴⁾
K.S.A.p.102; Men.A.N.D.p.443; R.E.D.p.231; (Berk.; -Mier.)-

Grevillei. Bot. cblt. 1880 p. 1518: Capelle: Carq. 1891 f. 415
Fortm. D. m. p. 15:

" var. pumila Griseb. Bot. cblt. 1880 p. 1518:



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- HARVEYANUM, Meneg., A.N.D.: Cl. I330p.43; (S. apiculatum, v. minor.)--
 HAYNALDII, Schaefferi. Aequat. p.22; Harv. Var. p.21; Det. S. p.293;
 HEDDINGS, Zelandini in litt.; Men. A.N.D. p.442; (Homocladia) --
 HEDDINGSII, Chauv. & Gray Bot. Galliae: n. Comp. p.22; (Heddingia, n. sp.)
 Vol. 2, p.412; Harv. Var. p.210; K.S.A. p.111-2617; S.B.D. p.79-591365; Men. A.N.D. p.442;
 p.430; S.B.D. p.74-591365; Harv. Vol. 7, p.1: R.E.D. p.273, 277; Det. S. p.293;
 Sm. Sp. T. No. 470: (Mierom. arbuscula & h.; -Mierom. & S. arbuscula.)
 v. fruticulosum, K. - Rab. E. D. p.273: (Mier.)
 HOFFMANNII, Ag. Cons. p.17; ~~Harv. Var. p.210; Det. S. p.293;~~
 TOE207; Carr. p.115; R.E.D. p.273: (Bangia; -Mierom.; -Mierom.; -S. rutilans, var.) -
 HUMILE, K.B. p.111-2617; K.S.A. p.99; Men. A.N.D. p.447; R.E.D. p.273:
 Bot. C'blat. I330p.1514; Det. S. p.291: (Mierom.) -
 HYALINUM, Meneg. A.N.D. p.441; Desmazieria 2, No. 114; Westendorp No.
 394; R.E.D. p.273; Bot. C'blat. I330p.1514; V. A. S. p.1.1514; Det. S.
 p.237: (Mier. h. & tenuilam.) -
 HYALOPUS, Meneg. A.N.D. p.442; R.E.D. p.231; Sm. Sp. T. No. 470; Det.
 Syll. p.239; Bot. C'blat. I330p.1514; (Mier.) --
 HYDRUROIDES, K.B. p.114-2617; Men. A.N.D. p.443; K.S.A. p.103;
 R.E.D. p.277: (Berkeleya h.) -
 ILLYRICUM, K.B. p.111-2213; K.S.A. p.99; R.E.D. p.273: Berk.; -Mier. --
 IMPLICATUM, Harvey, Man. p.213; Wyatt Alg. Gannon. No. 206; Men. A.N.D.
 p.440; K.S.A. p.101; S.B.D. p.73-591367; Pitt. p.923; Carr. p.112;
 Sm. Sp. T. No. 471; Pers. p.31; Wille, 2617, 3: (Mier.)
 (Berk. (& Sch.) rutilans, var., & confertum; -Mier. imp. & intricatum.) ---
 INTRICATUM, Breb. - ? (Libellus.)
 INTRICATUM, Meneg. - Rab. E. D. p.273: (Berk.; -Mier.) -
 INTERMEDIUM, Grun. - Bot. C'blat. I330p.1510;
 Det. Syll. p.284: (S. myxacanthum, var.) -
 INVESTIENS, Montagne Ann. Sci. Nat. I350p.303; Syll. No. I331, p.473;
 Guyan. No. 37; R.E.D. p.231; Det. S. p.293: (Mier.)
 JACRENSE, Meneg. - Sm. Sp. T. No. 472:
 JAPONICUM, Brun I391p.43-14f6: (Navic. rhombica, v.) -
 KUTZINGII, Meneg. A.N.D. p.443; R.E.D. p.230; V. A. S. p.1.1510:
 Bot. C'blat. I330p.1514; Det. S. p.291: (Mier.) -
 LACINIATUM, Meneg. A.N.D. p.451; Harv. Var. p.210; S.B.D. p.79-591370;
 Hall; R.E.D. p.273; Det. S. p.293; V. A. S. p.1.1512; Det. S. p.235;
 Bot. C'blat. I330p.1510: (Mier.; -S. myxacanthum)
 LACUSTRE, Ag. Syst. p.10; Cons. p.17; R.E.D. p.263; Atlas VII-3; (Mier.)
 (Colletozona; -Eneozona Ung. 21.) - ~~Harv. Var. p.210; Det. S. p.293;~~
 LAPIDICOLA, Grun. - V. A. S. p.1.15129: (S. zelandini, v.) ---
 LENORMANDII, K.S.A. p.99; Pitt. p.929; R.E.D. p.273: (Mier.)
 LIEBMANNI, Grun. - V. A. S. p.1.15132; Bot. C'blat. I330p.1510; Det. S. p.293;
 LINEATUM, K. - Men. A.N.D. p.441; R.E.D. p.273: (Berk.; -Mier.) -
 LUBRICUM, Men. - K.B. pp.112, 115; Sm. Sp. T. No. 473;
 (Homocladia; -Sch. (& Berk.) rutilans, v.) ---
 LUTESCENS, K.B. p.112; K.S.A. p.102; Westendorp, No. 136; Pitt. p.923;
 R.E.D. p.271: (Berk. rutilans, v.; -Majuscula (Sch. 112) var.) -

+ neglectum Thos., A. M. N. H. 1848 p. 11-12 f. 27-4

> nidulans, Cl. - (stauicula) -

((((((((

- LUTEUM, K.S.A.p.102; Prit.p.929; R.E.D.p.271; (Berk.rutilans,v.)-
 MEDUSINUM, K.-Men.A.N.D.p.444; R.E.D.p.230; Det.Syll.p.239;
 Bot.C'blat.1330p.1513; (Mier.)-
 v.comosa, Grun.-V.H.S.pl.15f14; Bot.Cbl.1330p.1513; Det.S.p.239;
 v.Jadriensis, Men.-Bot.C'blat.1330p.1513; Det.S.p.239;
 MENECHINIANA, Ralfs.-R.E.D.p.277; (Mier.; -S.bombicynum.)---
 MESOGLOEOIDES, K.S.A.p.103; R.E.D.p.277; Sm.Sp.T.474; V.H.S.pl.15f17;
 Bot.C'blat.1330p.1514; Det.S.p.235; (Mier.; -S.annulatum.)-
 MICANS, A.Syst.1311; Cons.p.1516; (Mier.)-
 Berkeleya; -Fristillia costata; -Nannema barticum; -Chaphidophora.)-
 MINUTUM, K.B.p.III-23f5; K.S.A.p.98; Men.A.N.D.p.447; R.E.D.p.273;
 V.H.S.pl.15f14; Parag.p.31; Botan.C'blatt.1330p.1509; Det.Syll.p.
 235; (Mier.; -S.caspium.)-
 MOLLE, S.B.D.2p.77-53f365; R.E.D.p.269; V.H.S.pl.15f22-24;
 Bot.C'blat.1330p.1510; Det.S.p.234; (Mier.)-
 MUCOSUM, K.B.p.II5-23f9; K.S.A.p.104; Men.A.N.D.p.451; S.B.D.2p.75-
 57f360; Front.; R.E.D.p.236; O'M.I.D.p.336; Sm.Sp.T.475; V.H.S.
 pl.15f19; Bot.C'blat.1330p.1510; Parag.p.31; Villot.p.35; Det.Syll.
 p.235; (Micromesita & S.tenue.)---
 MYXACANTHUM, Meneg.A.N.D.p.443; R.E.D.p.273; Bot.C'blat.1330p.
 1510; V.H.S.pl.15f1; Det.S.p.234; (Mier.)-
 v.intermedia, Grun.-V.H.S.pl.15f12; (Schiz.110.)--
 NEBULOSUM, Meneg.-K.B.p.II5; K.S.A.p.99; V.H.S.pl.15f11; Botan.
 C'blat.1330p.1509; Det.S.p.233; (Mier.; -S.sordidum,var.)-
 NEGLECTUM, Thw.-Rab.E.D.p.265; Hedw.Vol.7,p.6; Schum.1367p.30;
 V.H.S.pl.15f37; Parag.p.31; Malaisia: coll 1880p.1516;
 (Collettonema; -Navicula; -Nav.gracillis,v.schizonemoides.)---
 OBTUSUM, Grv.-Scottish Fl.Vol.6,p.302; Brit.Fl.Vol.2p.413; Harv.
 Man.p.219; Men.A.N.D.p.452; K.S.A.p.102; S.B.D.2p.73-53f355; Harv.
 N.H.p.2f18; R.E.D.p.272; O'M.I.D.p.336-29f30;
 (Berkeleya; -Micromesita; -Monema; -S.capitatum;)
 v.fasciculata, K.-R.E.D.p.272; -(Sch. & Berk.capitatum; -Mier.cap.)---
 v.trichocephala, K.-R.E.D.p.272; (Mier. & Sch.trich.)-
 PALLIDUM, Ag.-Men.A.N.D.p.445; R.E.D.p.279; V.H.S.pl.15f16;
 Bot.C'blat.1330p.1514; Det.S.p.291; (Mier.)-
 PAPILLOSUM, Meneg.A.N.D.p.452; Hedw.Vol.7,p.4; R.E.D.p.230; (Mier.)
 PARASITICUM, Griffith in Harv.Man.p.213; Men.A.N.D.p.442; Wyatt
 Alg.Danmon.No.201; S.B.D.2p.79-59f371; Grun.1333p.22; R.E.D.p.
 273; O'M.I.D.p.335; Sm.Sp.T.475; Parag.p.31;
 (Berk.; -Mier.gracillimum & p.)---
 v.gracillima, Sm.-R.E.D.p.273; (Microm. & S.grac.)--
 PARVULUM, K.B.p.II2; (Berk. & S.rutilans,v.)--
 PARVUM, Men.-K.S.A.p.100; R.E.D.p.277; Garf.p.31-2f17; V.H.S.pl.
 15f30; Bot.C'blat.1330p.1509; Det.S.p.193; (Mier.)
 PATENS, Meneg.A.N.D.p.441; R.E.D.p.230; coll 1880p.1515; -(Berk. & Mier.)
 PENICILLATUM, Charv. 1880p.1515; (Mier.; -S.ramosissimum,var.)--
 PLUMOSUM, K.B.p.II3-23f11; Men.A.N.D.p.443; K.S.A.p.102;
 R.E.D.p.277; (Berk.; -Mier.)-

+ parvulum, v. β, dilatatum, Ag. Cons. p. 16:.

> Reticulatum, Ag. Mus. - Cons. p. 16: - (Gleichenia Helvetic.)

- POLYCLADOS, K.-R.E.D.p.279; Cl. & M.No.203; Sm.Sp.7.No.477;
 Dannf.p.50; (Mier.; -S. ramosiss., var.)
- PROSTRATUM, Grev.-British Flora Vol.2p.414; (Encyonema; -Nannema.)----
- PUMILUM, Ag.Cons.p.16; Repensburg Flora, 1824;
 (Berk.; -Homoeocladia; -Nannema Balticum.)----
- QUADRIPUNCTATUM, Ag.Cons.p.21; Syst.p.10; Harv.Man.p.214; (Dannf.; -
 Berk.; -Monnema; -S. crinoides, Dillwynii, Grevillei, Lancelam.)--
- RADIANS, Ag.Cons.p.16; 1847; (Raphidoploea interrupta.)-
- RAMOSISSIMUM, Ag.Syst.p.11; Harv.Man.p.210; Mon.A.N.4.p.442; S.H.V.
 21.79-591369; R.E.D.p.272; D.M.I.D.1.334; Cl. & M.No.506; Sm.Sp.7.
 No.473; Bot.C'blat.1330p.1510; V.H.S.p.110-1514, 511.No.133; Wollf,
 23f1,2; Perag.p.61; Villef.p.53; Det.S.p.286:
 (Mieron.; -S. apiculatum, var., & Smithii.) ~~S. apiculatum~~
- var. apiculata, K. (Grün.)-Bot.C'blat.1330p.1511;
 Det.Syll.p.233; ~~var. "e."~~ (Mier. & S. apic.)---
- var. aureum, K. (Grün.)-Bot.C'blat.1330p.1511; Det.S.p.233; = ~~var. "f."~~ (Mier.)
- var. corymbosa, K.-R.E.D.p.273; Bot.Cb.1330p.1511; Det.S.1.233; -(Mier.) ~~"y"~~
- var. flavidula, Chauvin.-Grün. in Bot.C'blat.1330p.1511;
 Det.S.p.233; = ~~var. "g"~~ (S. apiculatum, v.)---
- var. penicillata, Chauvin.-R.E.D.p.273; (Mier.)
- var. polyclados, Grün.-V.H.S.pl.15f5; (Mier. & S. pol.)
- var. setacea, K.-Rabh.E.D.p.273; V.H.S.p.111; (Schiz.s.)
- var. spinescens, Men.-Grün., Bot.C'blat.1330p.1511;
 Det.Syll.p.233; = ~~var. "h"~~ (Schiz.s., p.p.)
- var. v. splendens, Grün.-V.H.S.pl.15f6; Det.Syll.p.233; = ~~var. "i"~~
 Bot.C'blat.1330p.1511; (Sch.s.)
- var. subsetacea, Grün.-V.H.S.pl.15f9; Det.Syll.p.237;
 Bot.C'blat.1330p.1511; = ~~var. "j"~~ (Mier.s.)
- REPTABUNDUM, Grün.1330p.22-1f26; Grevillea Vol.1, p.76-5f1a-c;
 Cl.1330p.43; Det.S.p.203; (Libellus Grevillei.)----
- RUBRUM, Meneg.A.N.D.1.427; (Homoeocladia.)---
- RUTILANS, Ag.Syst.p.9; Cons.p.13; K.B.p.112-2315; K.S.A.p.100; R.A.L.
 Eur.No.1433; Westendorp.No.395; Arschou, Ag.Scen.p.193; S.H.V.
 Obs.Phyc.1.33; Prut.p.923; Redw.Vol.7, p.3; R.E.D.1.239; -(Conferva; -
 Monnema; -Nannema Dillw. & Hoffm.; -S. apiculatum & ectocarpoides?) ~~+~~
- var. ~~"a"~~ amplius, K.S.A.p.101; (Sch.a.)--
- var. ~~"b"~~ parvula, K.S.A.p.100; R.E.D.p.270; K.B.p.112; (Sch.p.)--
- var. ~~"c"~~ lubrica, K.S.A.p.100; R.E.D.p.270; (S. lub.)--
- var. ~~"d"~~ Hoffmannii, K.B.p.112-2315; K.S.A.p.100;
 (Berk.r.var.; -Sch.Hoffm.)----
- var. ~~"e"~~ viridis, K.B.p.112-2315; K.S.A.p.101;
 (Berk.rut., var.; -Sch.Balticum.)--
- var. implicata, Harvey.-Rabh.E.D.p.270; (Sch. imp.)
- SCOPARIUM, K.B.p.114-27176; K.S.A.p.104; Neipater 11.2136; V.H.S.pl.
 15f7; Det.S.p.237; Bot.C'blat.1330p.1512; (Mier. & S. laevigatum.)
- SCOTICUM, Grün.-V.H.S.pl.15f8; (S. apiculatum, v.)---
- SECTIO-COMOIDES, Grün.-Bot.C'blat.1330p. : (Nav.Grevillei.)--

Setaceum, Danm. p. 50
" v. polyclados, Danm. p. 50:

Simplex, K. S. O. p. 99:

Siropemum, K. Grun. Blatt. 1880 p. 1574:

Smithii, Fockm. Danm. p. 5, Danm. p. 31:

+ Stewartii - Bot. Cbt. 1880 p. 1578:

SERICEUM, Suhr.-Rabh. Handbuch 2, pl. 35: R. Alg. Eur. No. 733; Hedw. Vol. 7, p. 3; Brent, Flora Germ. No. 210:

(Berk. futilans, v.; -Sch. erinodermum, var., & tenellum.) ---

SETULARINUM, Meneg. in litt., 1843; (Berk. futilans, v.; -S. sordidum.) ---

SETACEUM, K. -Men. A. N. D. p. 443; Sm. Sp. T. No. 479; V. u. S. pl. 15112; Det. C'biat. 1880. 1512; Det. S. p. 233: -(Mier.; -Navicula; -S. ramosissimum.) ---

v. *erigmosa*, Grun. -Bot. C'biat. 1880. 1513; Det. S. p. 233: (Sch. e.) ---

v. *pericillata*, Grun. -Bot. C'biat. 1880. 1513; Det. S. p. 233: (Sch. p.) ---

v. *fallens*, Grun. -Bot. C'biat. 1880. 1513; Det. S. p. 233: (Sch. p.) ---

v. *polyclados*, Grun. -Dannf. p. 50; Bot. C'biat. 1880. 1513; Det. Syll. p. 233: -(Nav. setacea, v.; -Mier. albicans & l.; -Schiz. albicans.) ---

v. *ramosissimum*, Grun. -Bot. C'biat. 1880. 1513; Det. S. p. 233: (Sch. r.) ---

v. *tenella*, Grun. -Bot. C'biat. 1880. 1513; Det. S. p. 233: (Sch. t.) ---

v. *virescens*, Grun. -Bot. C'biat. 1880. 1513; Det. S. p. 233: (Sch. v.) ---

SIMPLEX, Men. -Prit. p. 919; R. E. D. p. 273; -(Monema inconstans; -Monema.) ---

SIROSPERMUM, K. -Men. A. N. D. p. 499; R. E. D. p. 279; V. u. S. pl. 15113; -(Mier.) ---

SMITHII, Ag. Syst. p. 10; Cons. p. 13; Grv., Scottish Crypt. 1. p. 33, pl. 298; British Fl. Vol. 2, p. 413; Harv. Man. p. 211; Wyatt Alg. Damon. No. 151; Men. A. N. D. p. 449; K. B. p. 114-2715; K. S. A. p. 103; S. J. E. p. 73-571

362; Hall; Lewis, X. S. p. 71; Phil. I. D. p. 333-29113; Sm. Sp. T. No. 480; Dannf. p. 31-2116; Bot. Cent. 1880. 1516; V. u. S. p. 110-15133; T. No. 154; Wille, 2013, 4; Matsushima; Det. Syll. p. 293: *Cent. 1880. 1517*;

(Mier. s. & splendens; -S. ramosiss., var., & arbuscula; -Ulva foetida.) ---

var. "b" *torquatum*, Harv. Man. p. 211; -(Mier. & S. tor.; -Girodella comoides.) ---

SOLIEROLII, Meneg. -Det. Syll. p. 304: (Berk. Ehrenburgii, v.) ---

SORDIDUM, K. B. p. 113-2411; K. S. A. p. 102; Desmaz. 2, No. 509; Prit. p. 920; R. E. D. p. 274; A. 736: (Berk. futilans, v.; -Monema; -S. setularinum.) ---

v. *nebulosa*, Meneg. -R. E. D. p. 274: (Sch. neb.) ---

v. *tenuis*, K. -Rabh. E. D. p. 274: (Sch. t.) ---

SPADICEUM, Grv. -Brit. Fl. p. 412; K. B. p. 115; K. S. A. p. 104; Harv. Man. p. 212; Carr. p. 115; R. E. D. p. 271; Prit. p. 929; (Berk. futilans, v.) ---

-SPINESCENS, Men. -R. E. D. p. 279; Sm. Sp. T. 151; (Mier.) ---

SPLENDENS, Meneg. - (S. ramosissimum, var.) ---

STALIANUM, Meneg. A. N. D. p. 452; R. E. D. p. 273: (Berk.; -Mier.) ---

STEWARTII, Dickie. -Cl. 1830. 40; Det. S. p. 233; -(Livingstone; -S. Grvillii.) ---

STRIOLATUM, K. B. p. 111-2511; K. S. A. p. 101; Westwood, No. 599; Prit. p. 929; R. E. D. p. 275: (Berk. futilans, var.) ---

var. "c" *clavigera*, Bren. -Westwood, No. 595-596; K. S. A. p. 101; Prit. p. 929; R. E. D. p. 275: (Berk. futilans, var.) ---

SUBCOLAERENS, Thw. -Schum. A. T. p. 30; R. E. D. p. 275; Prit. p. 929: (Colletomena; -Navicula; -Pinnularia.) --- A. Men. 1848. 10-12; Gr. T.

SUBFLEXILE, Grv. -Rabh. E. D. p. 233: (Colletomena.) ---

TENELLUM, Meneg. A. N. D. p. 442: (Mier.) ---

TENELLUM, K. B. p. 111-2513; K. S. A. p. 99; Bot. C'biat. 1880. 1512; Det. S. p. 237: (Bangia & Sch. quadrinotatum; -Mier.; -Sch. sericeum.) ---

v. *Rudolphiana*, Grun. in Bot. Cent. 1880. 1512; Det. Syll. p. 237: (S. floccosum, Rudol.) ---

var. "b", K. S. A. p. 99: (S. sericeum, Suhr.) ---

+ vulgare, Thw., A.M.N.H. 1848 p. 10-12 f "H" 1;

" var. "a" rioulatum, Thw. - A.M.N.H. 1848 p. 10-12 f "H" 2-4;

" " "β" lacustre, " " " p. 11-12 f "H" 5: (anonyma l.)

" " "γ" Effusum, " " " p. 11:

VVVVVVVVVVVV

- TENUE, Ag.Cons.p.I7; Bot.Cent.I33Op.I5I6; V. i. S. pl. I5f34;
(Micromera & Sch. microsm.) -- *Bot. Cent. I33Op. I5I6; Jones Lib. 8 p. 22*
v. Americana, Grun.-Bot.Cent.'80p.I5I6; Det.S.p.292:-(Schiz.Am.)---
TENUE, K.B.p.II2-23f2; K.S.A.p.I00; Prit.p.929;
(Berkeleya; -Mollisia; -S. crinoides; -S. spirale, v.)
TENUISSIMUM, K.B.p.III-23f3; K.S.A.p.99; Prit.p.929;
R.E.D. 1.276; Sm.Sp.T.No.432; (Berk.; -Mollisia.)
TITIAITESII, Grun.-V.H.S.pl.I5f33, 39; Perag. 1.6I;
Villefranche p.33; *Cblat. 1880p. 15/6: (Berkeleya; -Mollisia.)*
TITIANUM, Grun.-Bot.C'blat.I33Op.I5I5; Det.S.p.29f;
TORQUATUM, ³Monog.A.B.C.p.445; S.O.D. 21.75-5/1351; S.L. 3.1.509; Sm.
Sp.T.No.433; Bot.C'blat.I33Op.I5I4; V. i. S. pl. I5f21; Det.S.p.299;
(Micr.setaceum, var., & t.; -S. Smithii.) -- *Monog. A.B.C. p. 449*
TRICHOCEPHALUM, K.B.p.III-2/13; K.S.A.p.I03; Monog.A.B.C.p.449;
(Berk.; -Microm.; -S. setosum, v.) ---
VIRESCENS, Harv.Man.p.2I2; K.B.p.II5; K.S.A.p.I04; Prit.p.923;
Carr.p.II5; R.E.D. 1.276; (Berk. rutilans, v.)--
VIRIDE, K.B.p.II2-23f6(3):
(S. Balticum & ectocarpoides; -S. rutilans, var. "e".)
VIRIDULUM, ~~Berk.~~ R.E.D. 1.266; V. i. S. pl. I7f3; Lake Michigan;
Colletonama; -Vanheurckia; -Nav. lanceolata, w.S. 1--- *Cblat. 1880p. 15/7*
VULGARIS, ~~Wille~~ Schum.H.T. p.307; K.B. 6 p. 27; Lake Michigan; V. i. S.
pl. I7f3; Wille, 22f20; *Cblat. 1880p. 15/8* Colletonama; -Vanheurckia; -Nav. lanceolata
WYATTIIS, Harvey Man.p.2II; K.S.p.II5; Mon.A.B.C.p.452; R.E.D. 1.260;
Bot.Cent.I33Op.I5I2; Det.S.p.233; *Cblat. 1880p. 15/9* (Micr. rimosissimum & w.)
ZANADINII, Monog.A.B.C.p.453; R.E.D. 1.261; Sm.Sp.T.434; V. i. S. pl.
I5f33; Phye. Ital. No. 82; Bot.Cent.I33Op.I504; (Micr.)--
v. lapidicola, Grun.-Bot.Cent.I33Op.I509; Det.S.p.232: (Sch.lap.)
var. Lloydii, Grun.-Bot.Cent.'80p.I509; Det.S.p.232;
v. Tommassini, Grun.-Bot.C'blat.I33Op.I509; Det.S.p.232;

SCHIZOSTAURON. - (*Grun.*, 1861.)

- ANDICOLUM, Cl.I39Ip.I2-I6f3; Nav.p.I5I: Det.Syll.p.225: (Stauroneis.)
CRUCICULA, Grun.-N.L.K.D.p.I3-3f44: Amazon; Det.Syll.p.225;
Cl.Nav.p.I50: (Stauroneis.)--
FIMBRIATUM, Grun.-Hedw.I357f.23; Det.S.p.225; (*Adiantum Dantes.*)--
LINDIGIANUM, Grun.-Hedw.I357f.23; T.R. N.S. I377f. I6I-195f17; Det.
Syll.p.224; Cl.Nav.p.I5I: (Stauroneis.)---
OVATUM, Grun.-Hedw.I357f.23; Det.S.p.225; Cl.Nav.p.I5I:-(Stauroneis.)--
TATRICUM, Gutwinski.-Detoni, Syll.p.225; Botan.I39Op.225; -(Stauroneis.)
REICHAUSCHII, Grun.-Hedw.I357 Vol.3, p.23; T.R. N.S. I377f. I6I-195f15;
Det.Syll.p.225; Cl.Nav.p.I5I: (Stauroneis.)--
VERBANUM, Detoni; -Det.Syll.p.225: (Stauroneis.)

SCHUETTIA. - (*Detoni*, 1872)

- ANNULATA, Wallich.-Detoni, Syll.p.I396:
(Actinoptychus & Triceratium a. & var.; -Tric.Sinense.)

AMBLYOCERAS, Ehr.-Det.Syll.p.1396:

(Actinopt.; -Tricerat.a. & Marylandicum.)----

NEOGRADENSIS, Pant.-Det.Syll.p.1396:

(Actinoptychis.)

TRIGONA, A.S.-Det.Syll.p.1396:

(Triceratium.)-

TRILINGULATA, Brtw.-Det.Syll.p.1396:

(Tric.)---

SCOLIOPLEURA.~

-, Tanarek 1379p.36;

ACRIATICA, Grun.1330p.354-3f11; R.E.D.p.229; Det.S.p.265:-(N.tumida,v)

ALTERNATA, Schum.-Det.Syll.p.266:

(Navicula.)

ANTILLARUM, Pelletan, Giat.p.288,f231; Wollé pl.3If12;

Det.S.p.265:

(Alloioneis.)

CAMPYLOGRAMMA, E.-Rab.E.D.p.230; Det.S.p.265:

(Navic.)

CASTRACANEI, Pant.2p.55-23f344; Det.S.p.267:

COCCONEIFORMIS, Det.Syll.p.265:

(Alloioneis.)

CONIORTA, Kitton.-Det.Syll.p.267:-(---Error.---)

CONVEXA, Grun.1330p.555; R.E.D.p.229; Eiben,1371; M.T.P.3-4-I:

Cl.1373p.13; 1375p.43;

(Nav.; -S.latestriata.)---

CURVINERVIA, Grun.-Pellet.Diat.p.291,f235; Det.S.p.265:-(Alloioneis.)---

DISPAR, Schum.-R.E.D.p.230; Det.S.p.265:

(Navic.)--

DISSIMILIS, Rabh.E.D.p.230; Det.S.p.267:

(Nav.)--

ELEGANS, Cleve, Navic.p.105-If9:

FALLAX, .-Det.Syll.p.266:

(Nav.scoliopleura.)-

GRUNDLERI, Grun.-Pellet.Diat.p.291,f235; Det.S.p.265:-(Alloioneis.)--

GRUNOWII, Pant.2,p.55; Det.Syll.p.267:

JAPONICA, Castr.-Det.S.p.267:

(Alloioneis.)--

JENNERI, Grun.1330p.554; Heib.p.91; R.E.D.p.229,f54(2);

Wollé,3If13,17; *Dunf.p.32*;

(Nav.J.: -Nav. & S.tumida.)

KURZII, Grun.-Pellet.Diat.p.209,f233; Det.S.p.265:

(Alloioneis.)

LATESTRIATA, Breb.-Grun.1378p.17; V.H.S.p.III-17f12; T.No.202; Trian

1335p.47-2f45; Wollé,3If3; Pellet.Diat.p.237,f229; Strose Kl.p.II-

If14; Det.S.p.260;

(Amphiprora; -Nav.convexa; -Scoliotropis.)

" v.amphora, Cleve.-LeD.Vol.I,p.73-12f13;

(Scoliotropis.)

ORNATA, Sur.Jap.p.I4-2f22; Hedw.Vol.7p.53; Det.S.p.265:

(Surirella.)

PEISONIS, Grun.1330p.554-3f25; R.E.D.p.229,f54(1); Det.Syll.p.267:

Cl.Nav.p.105-If14;

SCHNEIDERI, Grun.-Cleve Nav.p.105:

(Navicula S.)--

TORTUOSA, Rabh.E.D.p.230; Det.S.p.267:

(Nav.)--

TUMIDA, Breb.-R.E.D.p.229; Eil.S.I.No.35; Eiben,1371; Castr.1373p.43;

M.T.P.3-4-2; V.H.S.p.II2-17f11,13; T.No.201; Grun.1334p.45; Cl.Vega

p.475; Pellet.Diat.p.237,f232; Trian 1335p.47-2f13; Wollé,3If9,10;

Pant.3p.1.17f245; Det.Syll.p.265:

(Navicula; -Nav. & S.Jenneri; -Tropidoneis.)--

STAUNTONI, Det.Syll.p.267:

(Alloioneis.)

SZAKALENSIS, Pant.2,p.55-3f154; Det.S.p.267:

WESTII, W.S.-Grun.1330p.555; R.E.D.p.229; Eiben,1371;

Lafr.1376p.43; Det.Syll.p.265:

(Navicula w.)--

GILLIESII, Cl. & Comber. - Cl. Navic. p. 72 - If 13:

LATESTRIATA, Breb. - Cl. Nav. p. 72:

(Amphiprora; -Scoliopleura.) ---

v. amphora, Cl. Nav. p. 72:

(Scoliopleura l., v. amph.)

SCYTONEMA. - 1877

COMOIDES, Ag. Syst. p. II:

(Denticula thermalis; -Schiz. araneosum & c.

SIGNATELLA. - Kz. 1852. K. Syn. 1, 2.

ACUTA, Kützing in litt., 1831;

(Fristulia acuminata.) ---

ATTENUATA, Breb. Cons. p. 16:

(Frist.; -Navicula; -Pinnosiphia.) ---

BREBISSONI, K. S. A. p. 13; R. S. D. p. 56 - 4f2:

(Nitzschia; -Nitz. & Syndesma Almoriana; -Syn. nitzschii.)

ITALICA, Rabh. S. D. p. 56 - 4f12:

NITZSCHII, alg. Germ. # 2. K. S. A. p. 13; R. S. D. p. 56 - 4f1; Marissal p. II - If 14;

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ARACHNE, Breb. Guano p. 296 - 3f1; Fortm. Cey. p. 71:

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subg. Gomphoceras: Kc. Syn. p. 39:

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- STRIQUA, Fortm. - Annal. Bot. Brit. 1892. 49-463; Det. Syll. p. 142;
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- GLOBULIFERA, Hassall Al. p. 396-9311: (Melosira salina.) -

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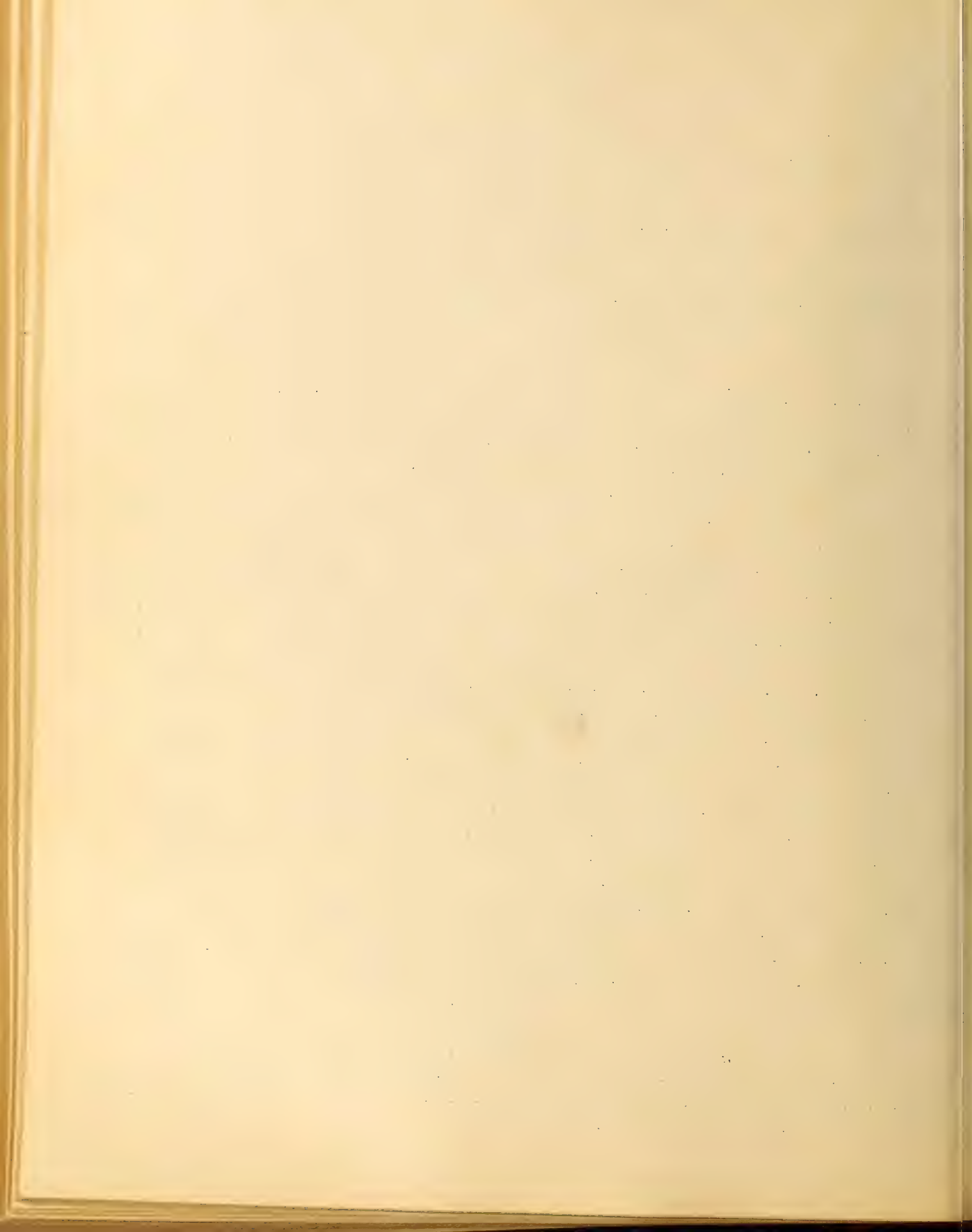
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- , M. neg. A.N.D. p. 411; -, Pfitzer p. 33:
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 236; Prit. p. 336; Schum. u. T. p. 63: (Gomph. g. & vulgaris)
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 (Gomph.; -Gomph. & S. vulgaris.)
 PARVULA, K.B. p. 33-30f33; K.S.A. p. 62; R.S.D. p. 53-3f7; Spamer, Duren;
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-, Meneg.A.N.D.p.422;

-, Sci.Gos.1868p.132-f131;

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son L, J.S. Petit, Cap Horn: (1840)

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 * var."b", S.B.D.l.p.6I-19f194b; Carr.p.III; 7 f 57, n.2, l.6;
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 RABENHORSTII, E.-Ralfs, Prit.p.9II; (Acnathos; -Stauroptera constripta.)
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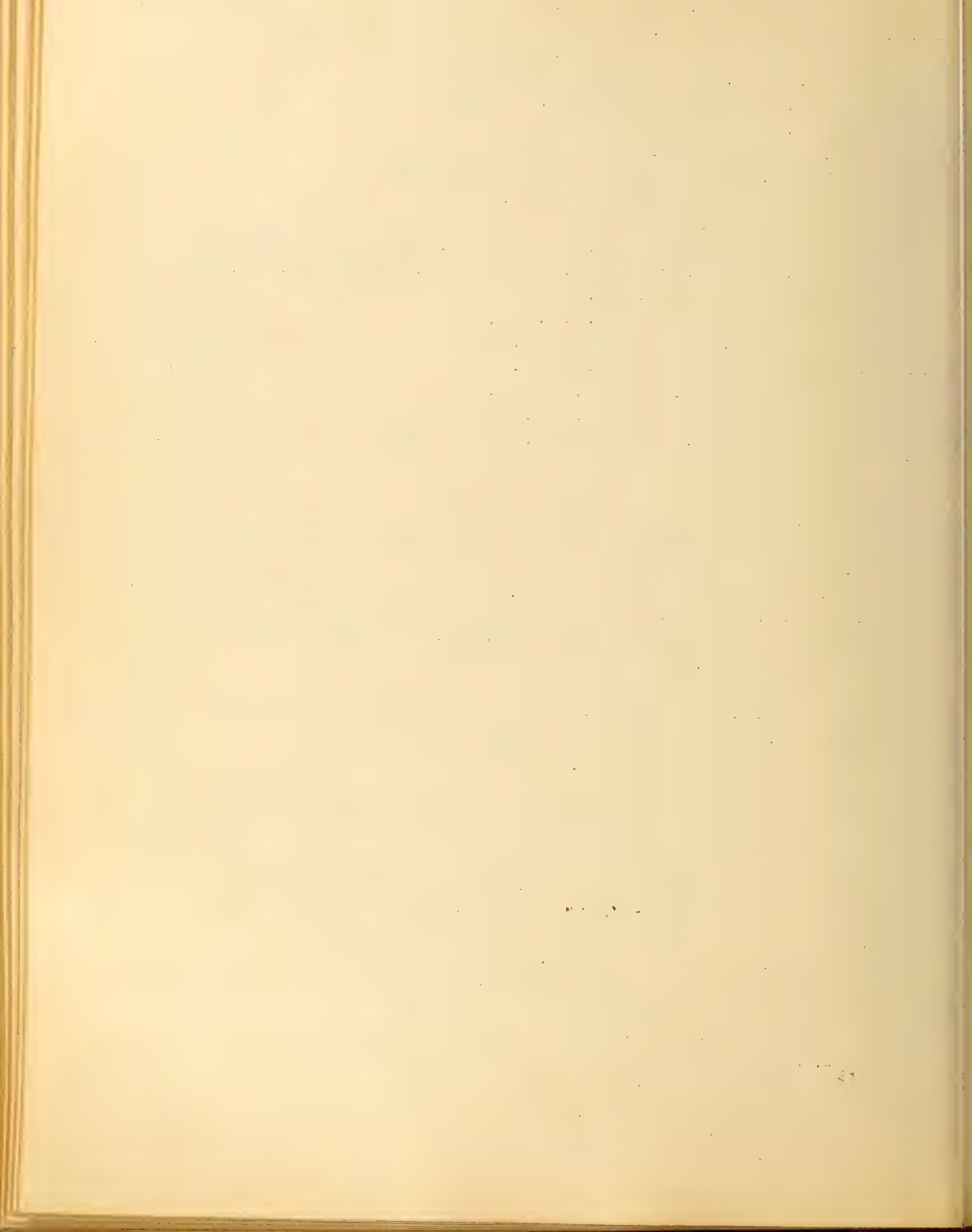
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- TRUNCATA, Rafles, Prit. p. 914; Schum. 1869 p. 35; Carr. p. III; R.E.D. p. 240; Petit 1869 p. 21; Rabh. 1873 p. 33; (Navicula Reinhardtii & vernalis) DeB. 1873 p. 33; (Stauroneis)---
- TUMIDA, Schum. 1869 p. 35; Rabh. 1873 p. 33; R.E.D. p. 240; DeB. 1873 p. 33; (Trachyneis t.)----
- TUSCULA, Rafles, Prit. p. 912; R.E.D. p. 252; (Navicula; -Pinn. pterophora & t.; -Stauroneis)---
- UNDOSA, E.-Nord. p. 2f31; DeB. Syll. p. 221; (Stauroneis)---
- UNDULATA, Hille 1869 p. 33; (Stauroneis)---
- VENTRICOSA, K.R. 1. 105-3012; K.S.A. 1. 91; R.S. 1. 19-3013; Hille 1869 p. 33; S.B.D. Vol. 2, 1. 104; Prit. p. 912; Carr. p. III; R.E.D. p. 240; Spader, Durn; Malaisia; V. I. S. 1. 1. 116; (Navicula)---
- var. *explicita*, Petit. -Rabh. E.D. p. 240; (Stauroneis)---
- VERBANIA, DeNotaris. -Erbario Crittog. Italiano No. 1434; Hedwigia Vol. 2, p. 71; Bot. Giornale Ital. 1871 p. 322; (Schizostauroneis)----
- VIBRIO, E.-Abh. Ber. 1869 p. 53; DeB. Syll. p. 221; (Navicula)---
- VIRGINICA, E.-Mik. 1869 p. 72; DeB. Syll. p. 221; (Navicula)---
- WITTROCKII, Lager. 1873 p. 33-2f15; DeB. Syll. p. 215; (Navicula)---

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- , Bailey, A.J.S. Vol. 43 p. 336-4f26;
- ACHNANTHES, E.-Amer. p. 135, pls. 3-3f7; 4-3f2; Mik. p. 13, pl. IV-If10; Nord-P. p. 2f41; -(Navicula (& Trachyneis) aspera; -Stauroneis)---
- AMPHIOXIS, E.-Mik. 1. 1. 3-If11; (Stauroneis)---
- ASPERA, E.-Amer. 1. 134, pls. 1-If12; 3-3f12; 2-3f2; 3-7f2; 4-111; Mik. pls. 19f25; 33A-2015; 33A-2015; R.S. 1. 19-3011; Rabh. 1873 p. 33; IO-If13; Weisse Gu. p. 307-2f60; B.J.N. 1. 136 p. 337, f32; (Navicula; -Staur.; -Trachyneis)---
- ASPERULA, E.-Mik. p. 140; Prit. p. 915; (Nav.; -Pinn.)--
- BRASILIENSIS, E.-Mik. 1. 311; Prit. p. 915; (Nav. & Pinn.?)--
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- CAPITATA, E.-Nord. p. 2/-2f42, 43; (Stauroneis)---
- CARDINALIS, E.-Amer. pls. 1-2f1; 2-If21; Mik. pls. 3-If13; 3-If3; 14f4; 17-114; 33-3f19; 39-3f17, 17; R.S. 1. 19-3011; R.E.D. p. 240; (Stauroneis)---
- CONSTRICTA, Rabh. S.D. 1. 30-9f10; (Stauroneis)---
- CECUSSATA, Rabh. S.D. 1. 9f14; R.E.D. p. 243; (Stauroneis)---
- CENDROBATES, E.-Abh. Ber. 1843 p. 219; 13/11. 22, 11, 2; R.S. 1. 19-3011; (Stauroneis)---
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- DISTAURIDIUM, E.-Mik. p. 13; Prit. p. 913; (Navicula)---
- DIVERGENS, Kirchner Alpen Schliessens 1. 177; (Stauroneis)---
- GIBBA, E.-Amer. p. 135, pl. I-2f3; R.S. 1. 19-3011; (Stauroneis)---
- GRANULATA, E.-Abh. Ber. 1843 p. 135; (Stauroneis)---
- ISOSTAURON, E.-Amer. 1. 135, pl. 4-2f1; Mik. pls. 13-117; 17-2f3; 18f4; Ber. 1873 p. 1. 2-If23; R.S. 1. 19-3011; (Stauroneis)---
- LECOMEN, E.-Amer. 1. 135, pl. 1-2f3; R.S. 1. 19-3011; (Stauroneis)---
- LEPTOCEPHALA, E.-Abh. Ber. 1843 p. 135; Mik. p. 13; Prit. p. 913; (Stauroneis)---
- MACROCEPHALA, K.-Rabh. S.D. p. 49; (Stauroneis)---



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- MESOGONGYLA, E.-Mik. pl. 6-1f7; (Stauroneis.)--
 MICROSTAUROM, E.-Amer. pls. 1-5f1; 4-2f2; Mik. pls. 5-3f3;
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 NEPTUNIA, E.-29f. 301. 137f1. 138; Nord. p. 1. -2f44;
 NICOBARICA, E.-Mik. p. 173; Nord. p. -2f43; Del. Syll. p. 220;
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 PAVIA, E.-Amer. p. 133, pl. 6-1f19; Mik. pl. 29-3f10; Nord. p. -2f44;
 R.S.D. 1.49-9f3; Kirch. Alp. Schl. p. 177; (Navicula; -Stauroneis: *Pinnularia*)
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 PLOMICENTERON, E.-Abh. Ber. 1343p. 13; (Stauroneis.)--
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 RORAIMAE, E.-Mik. pl. 34-5a, f9; (Achranthes; -Navicula; -Stauroneis.)
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 SIAMENSIS, E.-Mik. p. 140; Prit. p. 9f5; *Pinn. Roraimae*
 TACHYDIA, E.-Mik. 1. 14113; Prit. 1. 9f5;
 TRINODIS, E.-Mik. 1356p. 72; Prit. p. 9f5;
 TRUNCATA, Rabh. S.D. p. 49-9f12;
 (Stauroneis; -Stauroneis & Achranthes lanceolata.)
 TUSCULA, E.-Mik. 1. 79, pl. 6-1f13a, b;
 (Navicula; -Pinn. pterophæna; -Stauroneis.)---

STAUROSIGMA. - (Gran. 1363p. 155)

- ASIATICUM, Brun & T. p. 56-9f1; Del. Syll. p. 230; (Pleurosigma; *Sigma*)
 ERENBERGII, Gran. 1360p. 567; R.E.D. p. 253; Del. S. p. 250;
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- , Prit. 1. 100;
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 AQUALIS, H.C. & M.M. 13: A.O.M. 1377p. 149; 1373p. 102; (Staur.)--
 ' var. producta, H.V. 1. S. 1 14 (Staur. aequalis, v.)--
 AMPHILEPTA, E.-Abh. Ber. 1341p. 424; Prit. p. 791; (Staur.)--
 ANABA, Petit & Lend. (Staur.)--

Capucina, Borsow Russ. D. p. 136-a, f5;

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" v. binodis, Cl. & J. p. 136:

Harrisoni,

" v. triangularis, Cl. & J. p. 130:

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- MOENS, H.V.H.S.pl.45f6: (Fraxillaria; -S.Marmoratum.)---
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 v.aneata, Grun.1834p.104-2f9; (Frax.brev.,v.cul.)-
 v.lapponea, Grun.1834p.104; V.H.S.pl.45f6; (Fraxillaria.)---
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 v.acuta, E.-Belloc, Lichon; Parap.p.70: (Frax.)-
 v.lanceolata, .-Parap.p.70: (Frax.l.)-
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 3-1f44a, b; 15-1f13; 35-1f5; 35-3f5, 3x; 35-3f11; Prit.p.791-1f2;
 Schum.1831p.131-315; M.C.pl.41f33; Petit, 1833; 1834p.12; 50f5, 9.
 525; Cl.1831p.7; Belloc, Lichon: Parap.p.71; Gallik, Papan; Pantoc.
 3pZ. -1f5; (Frax.con.)-
 CONTRACTA, Schum.-Petit liste p.24: Belloc, Lichon: (Frax.con.)-
 Schum.-Gallik, Papan: (Frax.ellipt.)-
 EPICENDRUM, E.-Mik.p.303; Prit.p.791: (Error---is a Stephanosira.)--
 CRINOWII, Pantoc.3pZ. -4f66:
 HARRISONI, Grun.-Petit liste p.25; Cl.1831p.10: Belloc, Lichon:
 Pant.3pZ. -4f66; Parap.p.71: (Frax.)-
 v.amphitetras, Grun.1832p. :
 v.dubia, Grun.-Cl.1830p.9:
 v.fossilis, Pant.2p.66-4f62:
 IMMALIS, Lyng.-(?) -Petit & Lend.: (Frax.)---
 INTERMEDIA, Grun.1832p.339; Cl.1831p.10:
 (Frax.; -Fr. & Odonitium mitabile, v.)--
 KAVNENSIS, Pant.2p.66-1f200: (Fraxillaria.)--
 LANCEUTULA, Schum.-Gallik, Papan:- (Nav.; -Frax.)--
 LESCE, Grun.-Cl.Verg.p.491: (Frax.cephalica, var.)----
 MEXICANA, E.-Mik.p.371; Prit.p.791: (Fr.Mex.)-
 MORMONORUM, Prit.p.791; Grun.1831p.104; (Frax.; -S.Marmoratum.)--
 MUTABILIS, W.Sm.-Petit & Lend.; 1834p.12; Cl.1831p.7; Schum.1p.46;
 Belloc, Lichon: Parap.p.70: Petit, Lichon: (Frax. & Odonitium m.)---
 PARASITICA, .-Petit liste p.25; Belloc, Lichon; Parap.p.71: -(Frax.; -Odon.)
 PATAGONICA, Cl.1831p.13-16f13; 1830p.10: (Frax.; -S.bridges, v.)----
 PISCATA, E.-Abh.Ber.1841p.424; Mik.pl.5-2f24;
 Schum.1831p.131-314: (Fraxillaria, v.)--
 SUTRIANA, Grun.-V.H.S. Parap.p.70: (Frax.)--
 TRICARINATA, E.-Mik.p.371; Prit.p.791: (Frax.)---
 THONGYLA, E.-Abh.Ber.1843p.44; Mik.p.31; Prit.p.791: (Frax.)
 TUBULARIA, O'M.-Petit & Lend.; (Frax.)--
 UNGERIANA, Grun.-Cl. & M.No.183: (Frax.)-
 VASTA, Pantoc.3p. -27f405;
 VALLER, E.-Parap.p.71: (Fraxillaria v.)
 VALLER, Pant.3p. -3f123, 127; 20f299; 27f403:
 v.fossilis, Pant.2p.66-4f62; (Frax.)---

dubia, (Cydotella?) Atlas 222f23, 24:—

INCONSPICUA, Griseb.-Cl.Navic.p.I24-5f23: (Nav.fistula & inc.)
v.baculus, Cl.Nav.p.I24: (Navicula b.)--

ANCEPS, Breb.in litt.; Cl.& M.No.29I; M.T.P.2-5-15; Cl.I39(p.5);
Herib.p.I82-4f4; a.Ce.1877
GRACILLIMA, Gran.Mss.; -Cl.I33(p.71)

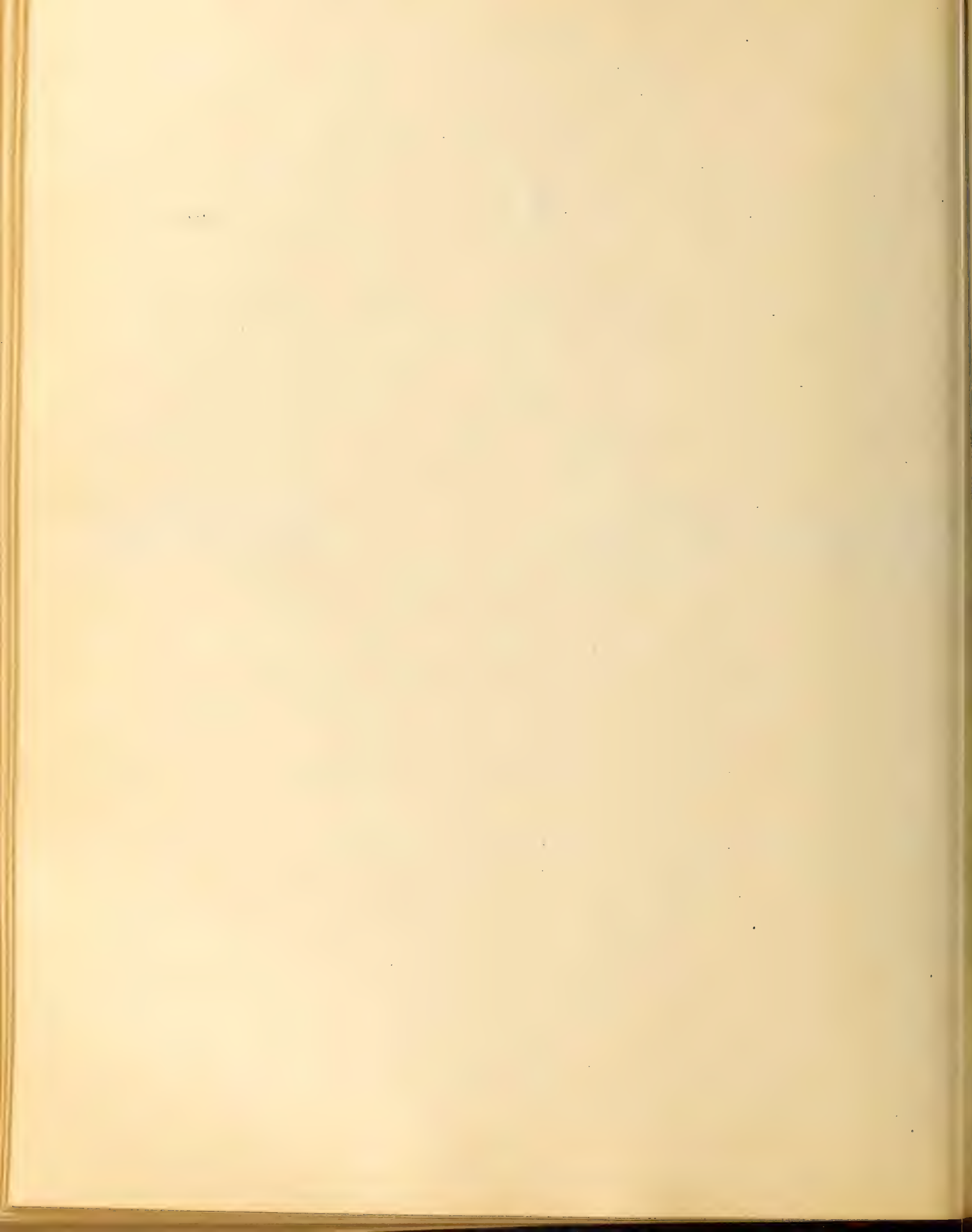
STEPHANODISCUS. - *E. n.*

--, (*Coscinodiscus vesiculosus*.) ---
AEGYPTIACUS, ... Mil. Pl. 36-ff I; Box: Pl. 10. p. 181-189; H. B. K. Pl. 1824
R.E.D.p. 36, f2: (*Discoplea atmosphaerica*; -S. astraea, v. spinulosa.) -
ASTRAEA, Grun. (#). - V. 4. S. pl. 95f5; Lake Michigan; Cl. I39I. 37;
Det. Syll. p. II52; Herib. p. 193; *Dampf. p. 48*: - (*Cyclotella*; -S. Matrensia.) -
v. minutula, K. (-Grun., V. 4. S. pl. 95f7-9; Lake Michigan; Cl. I39I. 37:
Wolle, II2fI3; Det. S. p. II52; *Hentz. p. 193*: (*Cyclot.m.*) ---
v. spinulosa, Grun. I334I. ~~40~~-5f2; V.H.S. pl. 95f6; Det. Syll. p. II52;
(S. Aegyptiacus & Transylvanicus.)
BALTICUS, Schum. I367I. 33-3f73; (S. hantzschianus.) -

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v. minor, Grun.-V. 1. S. pl. 95f2;
v. pusilla, Grun.-V. 1. S. pl. 95f3, 4;
ELEGANS, Br.-Brin. & T. 1. 53-4f9; Det. S. 1. II5f;
EPIDENDRON, E.-Mir. 1. 343; Det. Syll. 1. II54;
FOSSILIS, Part. II. 37-42f193; Det. S. 1. II53;
LANTZSCHIANUS, Grun.-Herin. 1. 193:---vnde S. lantzschii.---
LANTZSCHII, Grun.-Roth. 1. 193:---vnde S. lantzschii.---
T. No. 432; Cl. 1330f. II5-7f131; Vaga 1. 439; Det. S. 1. II5f;
(Cycl. operculata; -S. Balticus.)---
v. pusilla, Grun.-Cl. 1330f. II5-7f132; Vaga 1. 439;
V. 1. S. pl. 95fII; Det. S. 1. II5f;

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 f. major, Part. I. p. 33-2 II 194; Det. S. I. II 54;
 forma inermis, Part. II. 33-13 II 13; Det. S. I. II 53;
 f. parvula, Part. I. p. 33-1 II 11; Det. S. I. II 54;



STEPHANOGONTIA. - (Edw., 1844.)

STEPHANOPYXIS. - (Eschsch., 1844.

130f30, 33:

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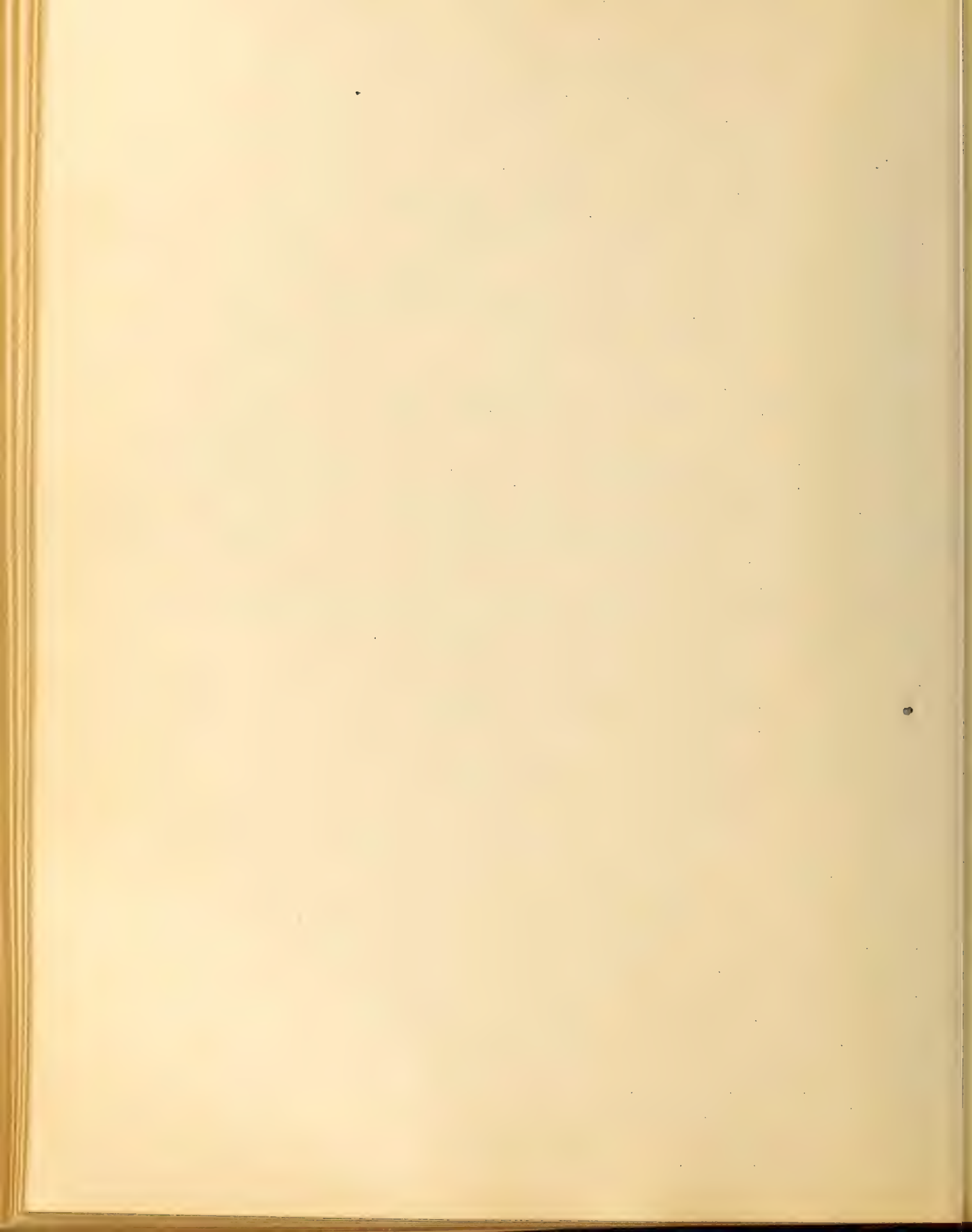
Proctos, f. 1 — 1 — 11 p. 111
acutus, f. 111. 155. p. 90-5 f. 27.

STEPHANOPYXIS.-

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- ACICULATA, E.-Abh.Ber.1344.267; Grun.1334.27; wolle, 62f1;
 Malaisie; Det.Syll.p.II42; (Pyxidicella; -Systephania; -Anodonta; -Pyxis.)
 * var., A.S., Atlas 130f12;
 AMIGUA, Grun.1334.97; Det.S.p.II43; (Peristephania luteata.)-
 AMIGUA, Pantoc.3f. -19130: Det.S.p.II43;
 ANICULATA, E.-Mik.p.I.19f136; Prit.p.325; Grun.1334.88; Atlantic
 City; wolle, 62f13; Det.S.p.II37; (S.bicornis; -Pyxidicella.)
 * v.bicornis, Grun.-DeToni, Syll.p.II33; (St.bic.)-
 * v.granulata, Grun.1334.83; Det.Syll.p.II33;
 APPENDICULATA, E.-Abh.Ber.1355p.302; Mik.p.I.13f4; Prit.p.325;
 U.T.P.4-4-6,7; wolle, 62f12-15; Part.2p.II5; (Pyxidicella.)---
 * v.intermedia, Grun.-Atlas 130f31, 35; Brun & T.p.73; Part.2p.II5;
 * v.parvispina, Grun.-Atlas 130f19, 22; Part.2p.II5;
 * v.paucispina, Grun.-Atlas 130f20, 21, 23-25, 32; Brun & T.p.73;
 * v.tenuispina, Grun.-Atlas 130f16;
 ARCTICA, Grun.- (S.tarris, var.)
 ARISTATA, Brun 1391.57-8f7; Det.S.p.II45;
 ATRADENSIS, Grun.1334.77; U.D.C.1334.72; Atlas 123f1-14;
 Det.S.p.II44; (Cresswellia.)---
 BICORNIS, Grun.-Cl. & M.No.276; 28; (S.apiculata, v.)---
 BROSCHII, Grun.1334.90-5f30; Det.S.p.II41;
 BRUNII, A.S., Atlas 164f5; Det.Syll.p.II46;
 CAMPANA, Castr.1337p.33-19f4; Det.S.p.II33;
 CAMPEACHIANA, Grun.1334.97; Atlas 65f19, 20;
 wolle pl.67f9, 10; (Endictya.)---
 COPONII, E.-V.A.S.11.33(3)11D, II; T.13.453; Grun.1334.80; Brun & T.p.
 73; Atlas 123f10-17, 19, 20; 130f13, 14, 15, 17, 36; Atlantic City; Part.
 2p.II5; wolle, 62f1, 3; 67f20; Det.S.p.II42;
 (St., Systephania & Pyxidicella diadema.)---
 * v.Municeae, Grun.1334.40; Det.Syll.p.II42;
 CRASSISPINA, Grun.-Atlas 130f11, 37; wolle, 62f13; (S.13.11, v.)
 CRISTATA, E.-Mik.p.I.18f10;
 CULINDRATA, E.-Abh.Ber.1372.214, 11.0-211;
 DELECTABILIS, Part.2p.II5-291403, 409; Det.S.p.II45;
 DOLII, E.-Mik.p.I.18f10;
 DOLII, Grun.-DeToni, Prit.p.325-5f75; Atlas 130f15, 27; Grun.1334.87;
 130f1.31-dile; wolle, 62f1-7; U.D.C.1337.70; Atlantic City;
 Part.2p.II5; DeToni; Det.S.p.II44; (Cresswellia.)
 GROSSE-CELLULATA, Pantoc.Ip.44-20f130; Notarisia 1333.543;
 Det.S.p.II40; (St.tarris, v.polaris.)---
 GRUNOWII, Grove & St.-Atlas 130f1-5; 134f10; Brun & T.p.73;
 Det.Syll.p.II46;
 GYRATA, Pantoc.2p.II5-29f413; 30f422; Det.S.p.II44;
 HISPIDA, E.-Abh.Ber.1355p.302; Det.S.p.II47;
 HISPIDULA, Grun.1334.97; Det.Syll.p.II44;
 HYALINA, Grun.1334.97; Det.S.p.II47; (Lauderia annulata.)
 IMPUGNULARIS, Grun.-Cl. & M.257 sub; Det.S.p.II47; (Systephania.)---
 JOYNSONII, A.S., Atlas 123f9; Det.S.p.II43;
 KITTONIANA, Castr.1337p.37-9f5; Malaisie; Det.S.p.II43;

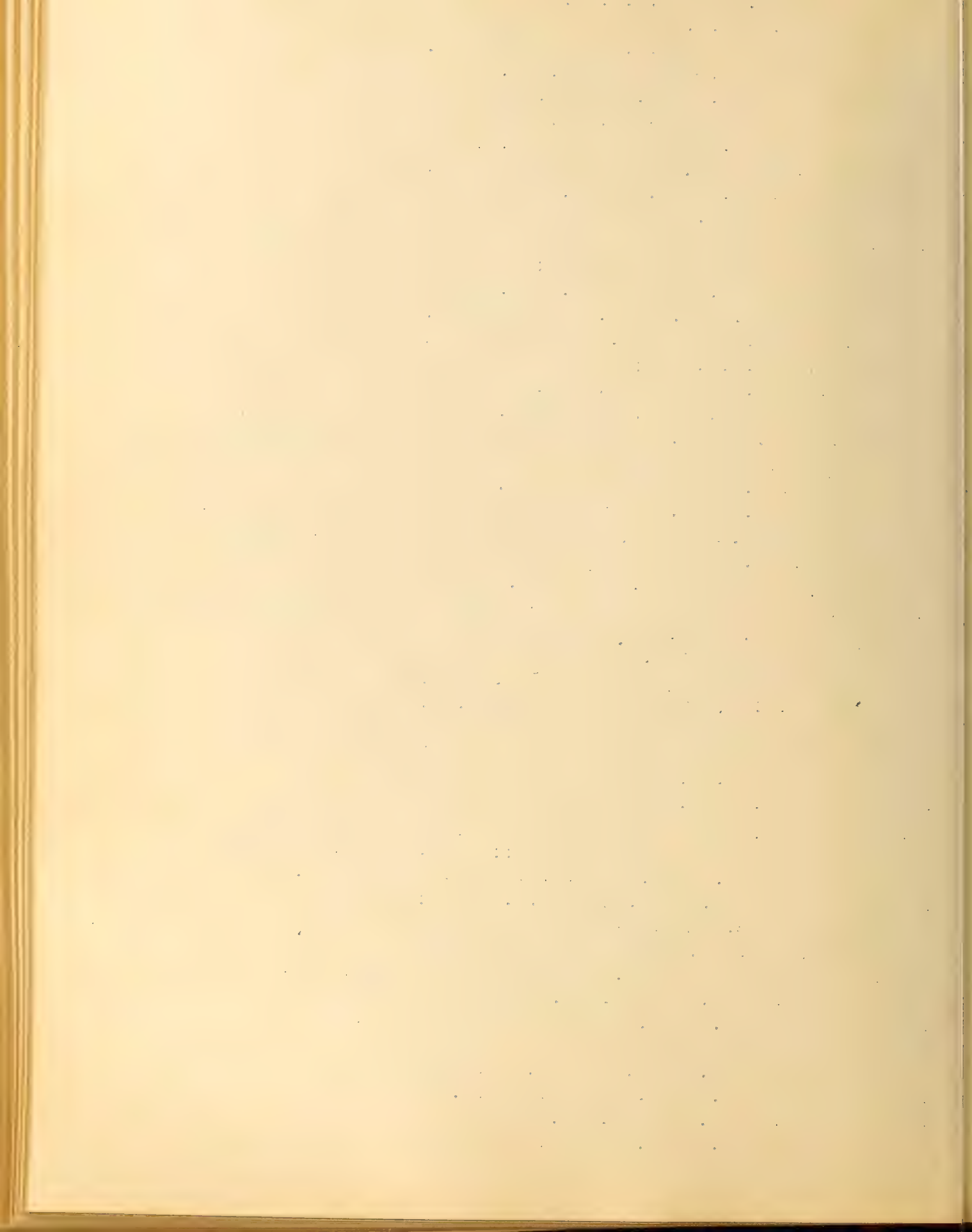


STEPHANOPYXIS. -

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- IMBATA, E.-Mik.pl.18f7; V. i. S. pl. 33(3) f13, 14; Atlantic City;
 wolle, 37f7; Det. Syll. p. II44; (Pyxidicula.)--
- * v. erista-galli, Brun & T. p. 57-3f3; Det. S. p. II44;
- MARGINATA, Grun. I334p. 30-5f17; Det. S. p. II42;
- * v. Californica, Grun. I334p. 33; Det. S. p. II42;
- MAXIMA, Pant. 3p. -26f334; Det. S. p. II43;
- MEGAPORA, Grun. I334p. 87-5f24a, b; Det. S. p. II40;
- MIDULANS, Brun.-Atlas I64f7; I80f26; Det. S. p. II45;
- NIEJAHRI, E.-Abh. Ber. I872p. 214, pl. 2-6f2; (Cresswellia turris.)-
- PALMERIANA, Grun. I334p. 33; Atlas I23f1; Malaisie;
 Det. S. p. II41; (Cresswellia P)
- * var., A. S., Atlas I30f44; Malaisie;
- PERAGALLI, Brun I39Ip. 53-3f3; Det. Syll. p. II45;
- PERMARGINATA, Grove.-Led. I390p. 32-5f4, 5; Det. S. p. II45;
- PULCHER, W. & C. 2p. 3-5f3; Det. Syll. p. II45;
- RAEANA, Castr.-Det. S. p. II46; (Systemaria.)-
- RAPAX, Castr. I337p. 33-9f9; Det. Syll. p. II45;
- ROBUSTA, Fortm.-Annal. Botan. Brit. I892p. 46-4f5; Det. S. p. II43;
- RUDIS, Grev.-Grun., I334p. 37; Atlas I64f3, 9; wolle, 62f2; 67f21;
 Det. Syll. p. II43; (Coscinoideus; -Cresswellia.)-
- RUSSICA, Pantoc. 2p. II3-27f391; Det. S. p. II41;
- SPINOSISSIMA, Grun. I334p. 30; Atlas I23f13; wolle, 34f5; Det. S. p. II42;
- SUPERBA, Grev.-Grun. I334p. 37; Atlas I23f3-8; wolle pl. 34f3, 9;
 Malaisie; Det. S. p. II43; (Cresswellia.)-
- TURGIDA, Grev.-Ralfs, Prit. p. 326; Grun. I334p. 37; wolle, 66f1, 2;
 Det. Syll. p. II41; (Cresswellia.)-
- * v. Javanica, Grun. I334p. 33; Det. S. p. II41;
- TURRIS, Grev.-Ralfs, Prit. p. 326-5f74; Carr. p. 92; Sm. Sp. T. 507; V. i. S.
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 66f3, 4; Villef. p. 73; Atlantic City; Pant. 2p. II6; Det. S. p. II33;
 (Cresswellia; -Pyxidicula weisseana; -St. appendiculata, cylindrica &
 Niejahrii.)--- J. Q. C. '87p. 70:
- * forma nuda, Pantoc. Ip. -23f206;
- * v. Arctica, Grun. I334p. 87-5f13, 20-22; Brun & T. p. 173;
 Det. Syll. p. II40; (St. Arctica.)
- * v. Arctica, forma inermis, Pant. 2p. II6; Det. Syll. p. II40; Grun. I334p. 89-91;
- * v. brevispina, Grun. I334p. 37; J. Q. C. I337p. 70; Det. S. p. II39;
- * v. crassispina, Grun. I334p. 33; Det. S. p. II39; (St. crass.)----
- * v. cylindrus, Grun. I334p. 35-5f7-17; Witt I335p. 31;
 Pant. 2p. II6; Det. S. p. II33;
- * v. cyl., forma inermis, Grun. I334p. 87, Pant. 2p. II6; Det. S. p. II39;
- * v. dubia, Grun. I334p. 88; Det. S. p. II39;
- * v. intermedia, Grun. I334p. 88-5f15, 16; Det. Syll. p. II39;
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- * v. longicornis, Grun. I334p. 36; Det. S. p. II41;
- * v. longispina, Grun. I334p. 37; Det. Syll. p. II39;
- * v. minor, Grun. I334p. 88; Det. S. p. II39;
- * v. paucispina, Grun. I334p. 87, Det. Syll. p. II39;
 J. Q. C. '87p. 70:
- * v. parvispina Grun. I334p. 88-



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- TORIS, v. polaris, Grun. I334p.87-5fI9, 23, 25; Witt I335p.21;
 Pant. 2p. II3: Del. Syll. p. II40; (St. tuberculatus.) ---
 ' v. Simbirskiana, Grun. I334p.88; Del. S. p. II39;
 ' v. subcontracta, Grun. -V. I. S. pl. 33(3)fI2;
 ' v. subcylindracea, Grun. I334p.88; Del. S. p. II39;
 ' v. subsphaerica, Grun. I334p.88; Del. S. p. II39;
 ' v. valida, Grun. I334p.87; Del. S. p. II40; J. a. c. 287p.70;
 VASTA, Pant. 3p. -30f437; Del. S. p. II47;
 WEISSBLOGII, A. S., Atlas I23fI2; Brun & T. p. 74; Del. Syll. p. II43;

STEPHANOSIRA. - (St. tuberculatus)

- CAROLI, E. - Mik. p. 361; --- Del. Syll. p. I353. ---
 EIDENDRON, E. - Mik. p. 303; Abh. Ber. I37Ip. , pl. 2a, fI2-I6; R. S. D. p. I4; Prit. p. 323; (St. tuberculatus.) ---
 EUROPAEA, E. - Röh. S. D. p. I4; Prit. p. 323; ??
 HAMADRYAS, E., Abh. Ber. I343p. 2I9; I37Ip. , pl. 2a, fI7-20;
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 MISSISSIPPICA, E. - Mik. I356p. 33;

STICTODESMIS. - (St. tuberculatus)

- AUSTRALIS, Grev. - Trans. Bot. Soc. Edinb. II, I331. 333-341-4; J. a. c. I337p. 73; Malaisie; Del. Syll. p. 312; (Cladocoris stictodes.) ---
 BRASILIENSIS, --- Del. Syll. p. 312; (Nav. cuspidata.) ---
 CRATICULA, H. L. Sm. Sp. 7. No. 508; wolle pl. 69fII; Del. S. p. 313;
 (Craticula Ehrenbergii; -Nav. ambigua, v.; -Surirella.) ---
 ELEGANS, H. L. Sm. Sp. 7. No. 509; Del. S. p. 313;
 ELBIGERI, --- Del. Syll. p. 313; (Nav. cuspidata.) ---

STICTODISCUS. --

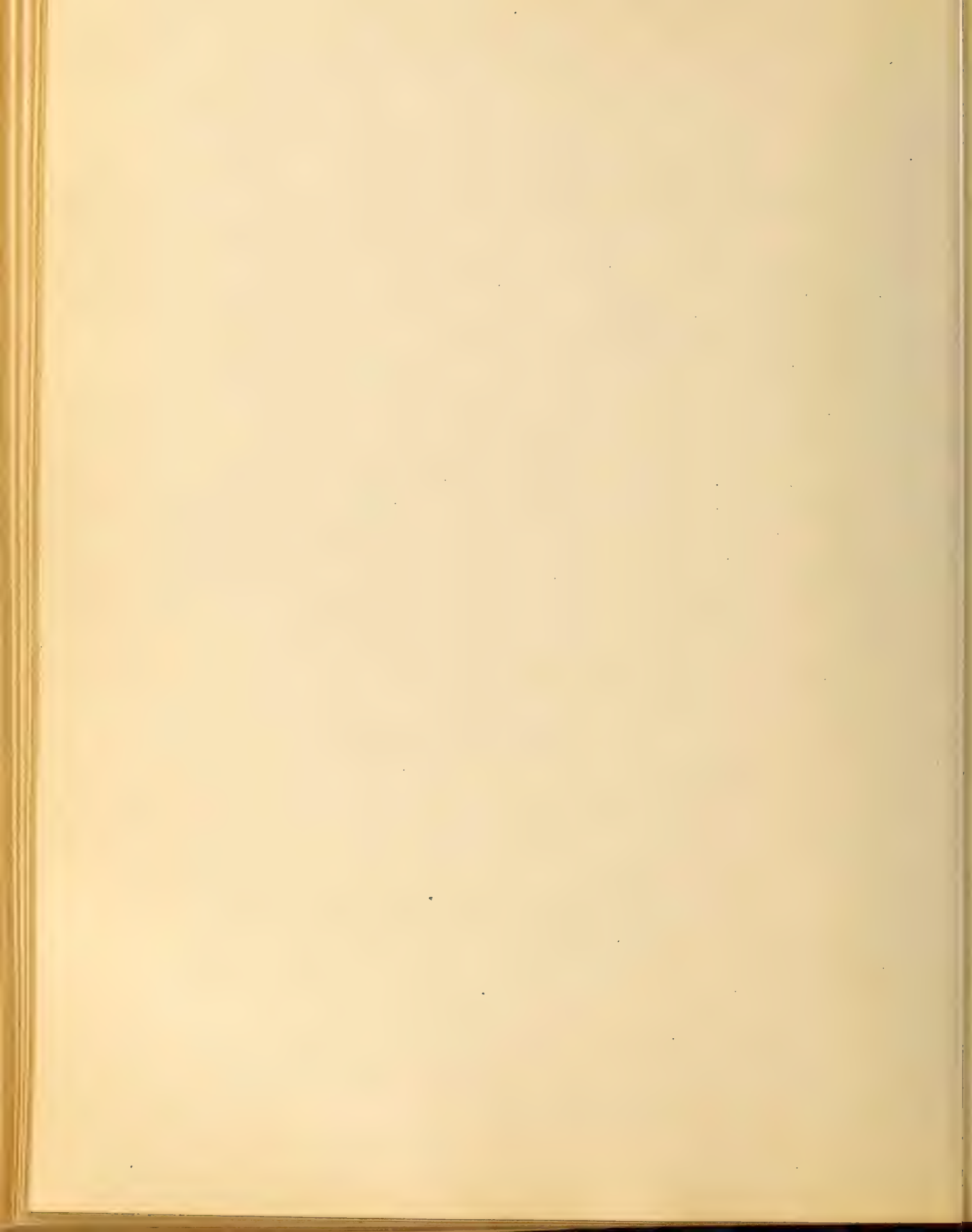
- , A. S., Atlas 74fI3-I5, 2I-23; I47f3;
 ---, Pant. 3pl. 29f427; -(St. tuberculatus.) -
 ---, wolle pl. 65fI3-I5;
 ASPERSUS, Witt I333p. 20-5fI2, I3, I3; 3f6; Del. S. p. I321; -(St. tuberculatus.) ---
 AEFINIS, Castr. I337p. II9-I4; Notar. I339p. 695; Del. Syll. p. I316;
 ' vars., Castr. I337p. II9-I6; I7f3;
 ' v. late-zonata, Castr. I337p. II9-I7fII;
 ACEPS, Castr. I337p. II6-I5; Notar. I339p. 695; Del. S. p. I316;
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 APPENDICULATUS, Grun., V. H. S.; -Malaisie; -(Accinocyclus stictodes.) ---
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 ' v. punctifera, Castr. I337p. I21-I312; Del. S. p. I320;
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 BORYANUS, Pant. 2p. II2-25f37I; Del. Syll. p. I317;
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 Atlas I31f3; Del. Syll. p. I315;
 ' v. glandis, Witt I333p. I9-5fI5; Del. Syll. p. I314.



STICTODISCUS.--

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- CALIOPHICUS, Grev.-T.M.S. 1331.77-1041; Atlas 74f4,5; Witt 1335.
 31-3f5; Sci. Cross. 1335.135 of 1000; Wollé, 75f6,7; Del. S. p. 1315;
 (Coscinoideus & Triceratium pair)
 Del. Syll. p. 1315;
 forma trigona, Pantoc. Ip. 63-23f273; Notarisia 1331.324;
 Del. S. p. 1315; (St. Cal.)--
 vars., A.S., Atlas 74f9, 10; I47f12;
 v. areolata, A.S., Atlas 74f1; 1316p; J. Q. C. 1335.175; 1337.33;
 v. costata, A.S., Atlas 74f3,7; Wollé, 75f7;
 v. nakagomae, Grin. 1331.105-106; Atlas 74f1; Grevilleanus
 Vol. Ip. 93-3f32a,b; Pant. Il. 33-3f49; 7f53; Del. Syll. p. 1315;
 (St. multifurcata)----
 v. nitida, Grove & Start.-J. Q. C. 1337.33-5f7;
 Notar. 1337.350; (St. nitida)---
 CARABICUS, Witt 1331.20-5f14; Del. Syll. p. 1319;
 CANUSUS, Witt 1331.21-3f7; Del. S. p. 1319;
 CENATUS, Grin. 1334p.70-2f53; Del. S. p. 1318;
 COZIERI, Kitton.-M.M.S. 1373p.205-33f2; Del. S. p. 1322;
 DIVES, Grev.-T.M.S. 135Ip.41; Del. Syll. p. 1314;
 (Actinoptychis; -Cyclotella discopla)---
 ELABORATA, Witt 1331.21-4f23; Del. S. p. 1319;
 ELEGANS, Castr. 1337.121-13f3; Notar. 1339.730; Del. S. p. 1319;
 ESTERGALYOSIS, Pant. Il. 33-27f57; Notar. 1331.357; Del. S. p. 1317;
 HILSTEINII, A. & C. Il. 5-1f7; Castr. 1337.117-117; Del. S. p. 1322;
 Witt 1331.21-5f12; (Pantoc. 33-27f57; -T. 1331.357)
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 GRUNDWII, Witt 1331.20-4f25; 5f8; 6f3; Del. S. p. 1317;
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 Brun & T. p. 74; Wollé, 75f3; Del. S. p. 1314;
 v. japonica, Brun & Tem. p. 74;
 v. megajora, Grove & St.-J. Q. C. 1337.33; Del. S. p. 1314; (St. Grovel.)
 LILLIANUS, Witt 1331.19-4f27-29; Del. S. p. 1317;
 LILAGONUS, Castr. 1337.122-17f17; Notar. 1339.731; Del. S. p. 1320;
 var., Castr. 1337.122-17f14;
 LINGARICUS, Pant. 31. -33f534,536; Del. S. p. 1314;
 LUTLINGERIANUS, Witt 1331.19-5f11; Del. S. p. 1317;
 (Triceratium)---
 INGLATUS, Castr. 1337p.114;
 INSIGNIS, Grev.-T.M.S. 135Ip.41-4f4; Del. S. p. 1314;
 JAPONICUS, Castr. 1337.119-112; Notar. 1339.397; Del. S. p. 1318;
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 Del. S. p. 1320; (Tric.)---
 JOHNSONIANUS, Grev.-T.M.S. 135Ip.41-4f3; Witt 1331.20-5f14,9; 6f16;
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 KINKERIANUS, Witt 1331.20-5f17; Del. S. p. 1319;
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 Brun & T. p. 74; Atlantic City; Wollé, 75f9,10; Del. S. p. 1315;
 KOSUTHII, Pantoc. 31. -26f395; Del. Syll. p. 1313;
 MAXIMILIANUS,



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- STICTODISCUS, Cestr. 1337. 12-17f1; Notar. 1339. 135; Det. S. 1. 1313;
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STICTODISCUS. - F. 111111.

A Subgenus of Stenoneis; -
 Vide K.B.P. 106: K.S.A. 1. 91: -

STICTONEIS. (Griseb.) -

SUBRIATA, Griseb., 1363p. 15:

(Orthoneis f.) ----

STICTAPORA. - Griseb., 1363p.

- CAPITATA, Griseb. 1391. 45-11f13; - (new species)
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cf. ~~Franderger~~ Cent. 7. -

Ignotum mihi: - vide Ag. cons. p. 65. - (mel. moril.)

> Groenlandica, Oestrup, 1897, 341-346.

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2. St. Lucia, (q. Echinelia c.)

St. Lucia, (q. Echinelia c.)

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Antarctica
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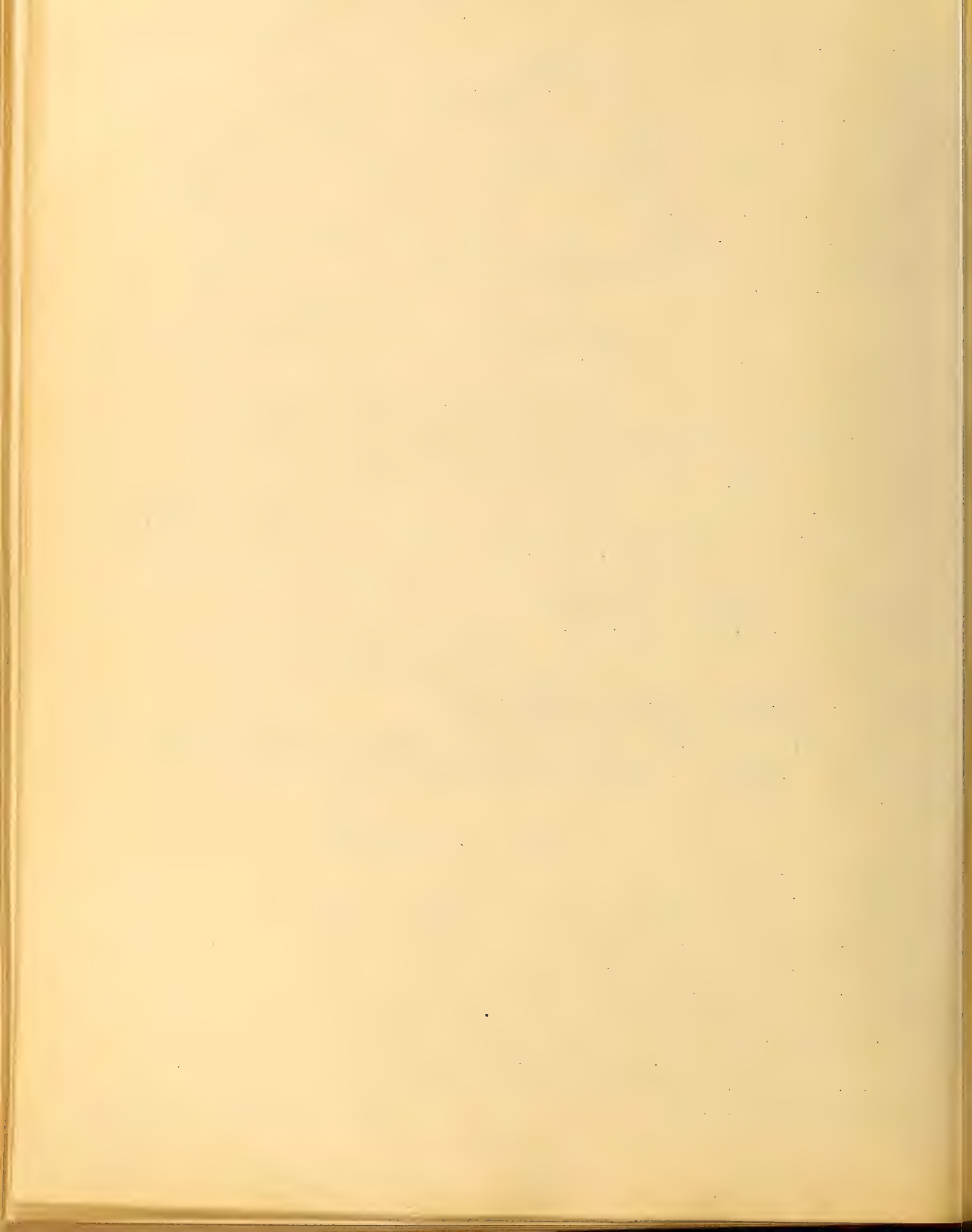
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v. acuminata, Griseb.-V. 1. S. pl. 4 [14; Malaisie;

v. Baileiana, Chase. -w. & C. 11. 4-201a;

v. borealis, Grun.-Cl. Vega 1.432;

v. 01162, C.N. 1334 56-213; 056. 10.1.051;

v. delicatula, Griseb.-Cl. 13391. 105-6f 115; Vexill. 11.432, 500;

V. t. S. p. 1.4I+I6; Det. S. p. 66I;

(S. r. u. s. l.) -

V. umbra, Griseb.-Det. S. p. 362;

(S.I.U.)--

¹⁴ V. G. Gerasimov, *Trudy Vsesoyuznogo Nauchnogo Tsentra* (Moscow), 1964, No. 1, p. 10.

Def. S. I. vol: *Darius*, p. 43:

(EXILE 16 & Syn. facs.) ---

V. hyalina, Grise.-V. i. S. 11. 4 (190, 10; Bull. & T. 1. 74; Walp. 1815; 16615;

v. intermedia, Grun.-Det. Syll. 1: 502;

(S. 1. 11. 6.) -

v. lanceolata, Gr. in. - V. l. S. 11.41123; Westrup 1897 p. 335.

41 *V. rostrata*, Lammf. p. 43:

+ *Amphicephala*, Cl. 1895 p. 35:

" var. ϕ , Grun. 1862 pl. 12 f 16:

} " *v. pusilla*, A. Cl. 1895 p. 35:

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capital 4, all 23 p. 112: from R. Sep 8 9.

crystallina. Fortm. Dm. p. 22.

atissima, Dammf. p. 41:

atissima,

" var. "a" sparsa, R. S. d. p. 41:

" " "β" fasciculata, R. S. d. p. 41:

fulgens, Latm. Dm. p. 22:

(C. I. H. A. B., v. 10.) ---

* V. Joubert, *Part. 21. 01-20f377, 330:*

Stilpnula; -Gomphorhiza; -Paronia erinacea; -S. ...

EMBRIATA, Cestr. 13374.52-25f14; Notul. 13374.607; Det. S. 1.305:

var. "a" bicels, Grin. 13524.390: Prit. 1.735; -(C. latensis & Em. n.)---

"var." *n* flexuosa, Griseb. 13321.390:

[illegible]

Bellon, Eichen: 1922.1.01; 1923.1.01;

USA, Antsch 13521.19-513²/; Brab. Verm. 1.9; Grin. 13531.3; R. L. 2.1.141; M. T. P. I-4-I; Cl. 13301.103; Vega H. 501, 507; Perce. P. 70;

* *v. amphipachya*, Griseb.-V. 4. S. 11. 42 f3; 7. No. 303; Malaisie;

FIBULA, BRIT. - LEO. Vol. 2 No. 224. 213-1963;

FRUSTULUM, K.B.1.63-30177; K.S.A.1.40; Italy:

(Frustulia minuta; -Nitzschia.)---

FULGENS, St. P. O. II. 74-12f103; Breh. D. C. ^{p. 27} Venn. 1. 9-7f9; Plut. 1. 739-13f
20; M. D. Pl. 13f24; Grun. 13021.408; 13631.3; Eil. S. 1. No. 93; Can. 1. 35;
Hall; Lewis, 186 ~~186~~ 1. 71; R. S. D. 1. 140; Hall; Cl. 13531.220; 13731.11;
14133; 1331.103; Venn. 1. 9-7f9; Grun. 13021.408; Plut. 1. 739-13f20; S.
St. 1. No. 533; M. T. P. I-4-3; Lag. 1. 13731.20; Gey. Polzer 1.23; 10011

[illegible]

^B forma minor, Rabh. H. C. 1.

Gailloni Fortm. D.M. p. 22.

G
racilis,

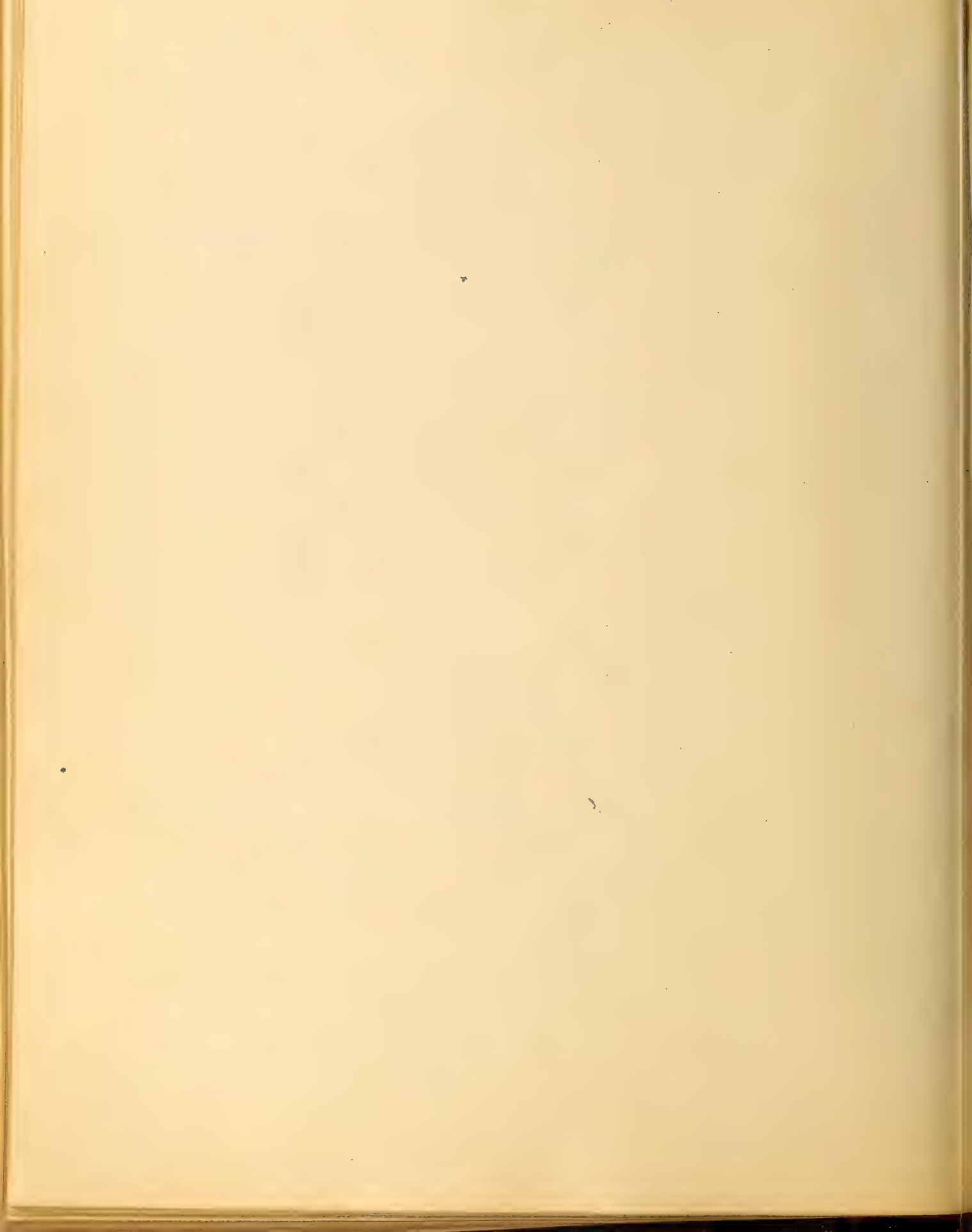
"var "a" genuina, Grun. 1862 p. 402-8 f 17a-c:
Fortm. D.M. p. 21.

Lycopodium, Herib. p. 222:

+ Kantschatica,
" var., Oestrup Mar. 2. pl. 7 f 85: 1897 p. 336:

Y 1

Lunaris, Mont. H. Aug. 1979.



fulchella, Danf. p. 41. Deppel 1870 p. 3.

" virginiana, Danf. p. 41.

Salina, Fortm. D.M. p. 22.

Scalaris, G. A. M. pl. 72 + 19.

Opotabensis, mon. Ber 1842 p. 338.

— — — — —

splendens, (var. β , genuina) -

" forma abnormalis, Grun. 1862 p. 395-8f4:

superba, Furtm. Om. p. 22:

U. L. L. 8. 7. 1936 p. 103: Mg. 35A-12+6: 38-13 $\frac{1}{4}$, 6:
E. abt. 12. 1936 p. 102: Mg. 13. 1936 p. 103:
Nord P. p. 457:

- TABULATA, K.B. p. 63-15110; V.S.A. p. 47; S.B.D. p. 72-1219; Desmaz. I, No. 1453; 2, No. 1053; R.D. Ex. 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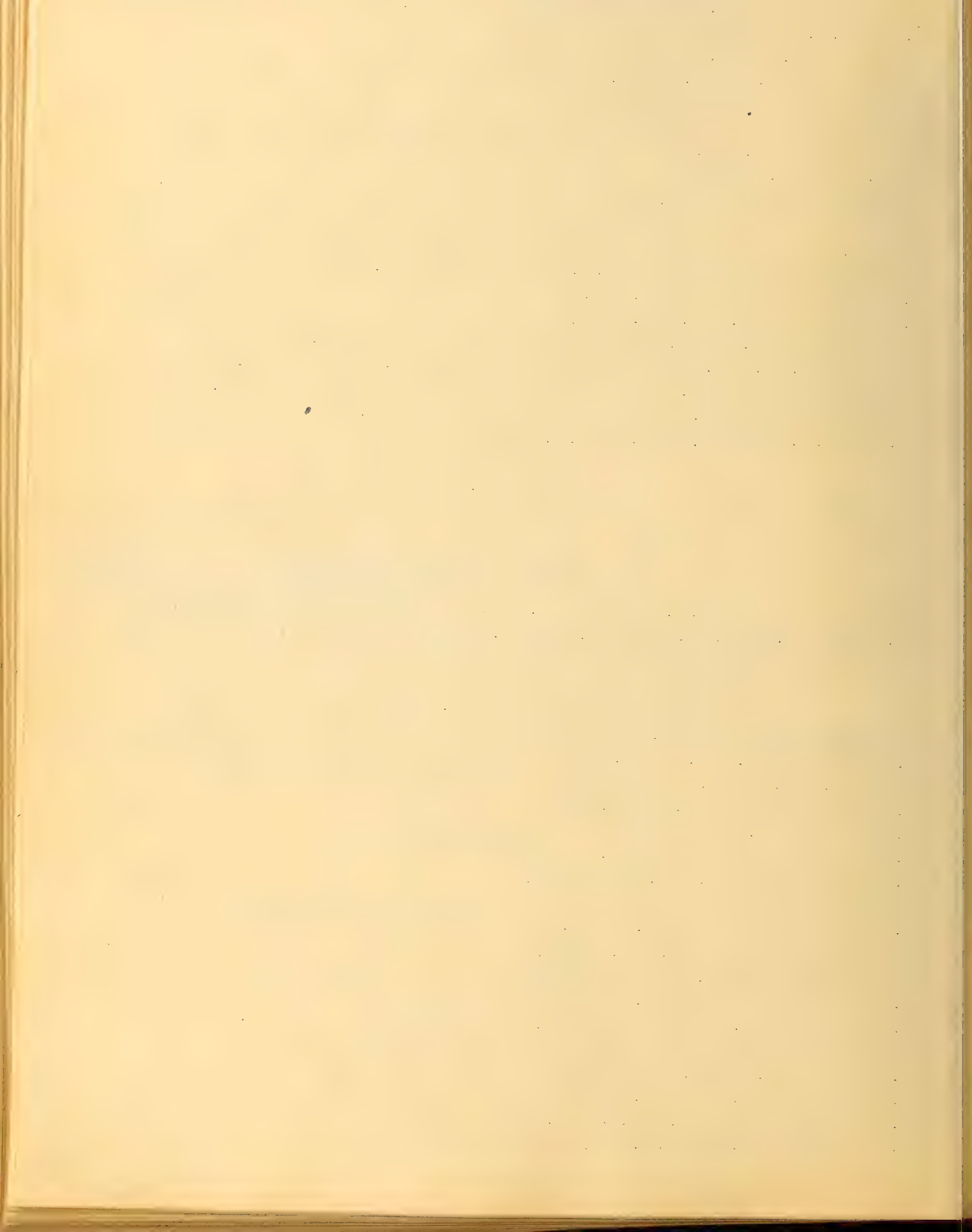
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 ACUTANGULUM, Grev.-T.M.S.1864p.73-13f12; V.A.S.pl.110f12:
 Part.2,p.33: (Amphitetras; -T.Groveni.-T.Nankooorensis,v)
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 ADSPERSUM, A.S.,Atlas 76f1; Del.S.p.936; (Stictodiscus.)-
 AFFINE, Grun.-V.A.S.pl.103f3; Del.S.p.936; (Odonotella; -T.distinctus.)
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 Roper,Thomas; Jan.G.1.30-1a,f13; 2b,f17; London Clay; Lewis,V.22.
 3.p.62; Mill; R.A.D.1.313; OPM.I.D.1.273-27f11; Mollis; Petit Cat.
 1.36; Lagn.1873p.15; V.T.P.4-5-7; Cl.1873p.17; Deby Polu.1.25; Atlas
 73f9-20; V.A.S.pl.113f6; T.No.505; Wille pls.100f13,13; 103f2; Willef
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 Cl. Java p. 6; Det. S. p. 973; (Actinoptychis; -Schistella
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 ' var. "a", Roper, M.J. 1354p. 274-17f10; (T. compactum.) --
 ' var. "b", Rop. -M.J. 1353p. 274-17f11; (T. spinosum.) --
 ' var. "c", Roper, M.J. 1353p. 274-17f12; (T. horridum.) --
 ' var. "d", Casti. 1337p. 109-5f1; ---
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 ' forma quadrata, Gl. & Grin. -LeD. Vol. 2p. 71-11f3; (T. *tricus*.) --
 ' var., Cl. & Grin. -LeD. Vol. 2p. 71-11f4; (T. *tricus*.) --
 AULISCOIDES, Grove & Sturt. -J.Q.C. 1337p. 73-6f16; Det. S. p. 954;
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 BERGONI, Brin & Temp. p. 59-3f13; Det. S. p. 913;
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 BIDDULPHIA, Heib. p. 41-2f3; Cl. 1333p. 213; R.E.C. p. 313;
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 BIMARGINATUM, Grove & Sturt. -J.Q.C. 1337p. 73-6f15; Notar. 1337p. 350;
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 BIRADRIATUM, Jar. -Atlas 93f4-5; Wille, 1911p. 17; Malaisie;
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 BORYANUM, Pant. 2p. 33: 3pl. 33f473; (T. *Grovei*, v.: -Amphipent.) ---
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- * *v. inaequalis*, Bailey.-Grün., V.H.S. (Ditylum i.)---
- * var. "b" tetragona, Ralfs, Plt. 1.355: (Dit. 1.355.)
- * *v. trigona*, H.V.H.S.
- BROECKII, Fortm. Cey. p. 61-6f53; Atlas 32f12, 13; Det. Syll. 1.922;
- BROWNEANUM, Grev.-T.M.S. 1361p. 72-3f16; Wollé, 10f10:
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- BRUNII, Pant. 1. 51-19f173; 23f274; 2, p. 39: Notar. 1333p. 620;
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- BULLOSUM, Witt, J.M.G. 1373p. 67- f4: Hedw. 1373p. 55, 124; Malaisie;
- Atlas 73f32-35; Wollé, 100f3: (T. dubium.)--
- CACUCEUM, Pant. 3p. -3f1523; Det. S. p. 971;
- CAELATUM, Car. -Atlas 31f19; J.Q.C. 1333p. 323; Det. Syll. 1.943;
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- CALIFORNICUM, Grün.-V.H.S. pl. 103f11; Wollé, 99f7: 105f13;
- Det. S. p. 955: (Quontella c.)-
- CALVESCENTES, Cast. 1337p. 107-9f1; Not. 1339p. 599; Det. S. 1.957:
- CAMPEACHIANUM, Grün.-M.J. 1374p. 319; Cl. 1373p. 16-5f23;
- Wollé pl. 110f2: (Amphipentas.)-
- CANALIFER, Brun.-Atlas 152f20; Br. 1391p. 47; (Amphitetras.)-
- * var., Brun 1391p. 47-2f9:
- CANCELLATUM, Grev.-T.M.S. 1365p. 9-2f17; Grün. 1333p. 103; Det. S. p. 937;
- * var. minor, Walker & Chase 2p. 9-3f16; Bot. C'blat. 1337p. 131;
- Det. Syll. 1.937;
- CANCELLATUM, Grove & Start.-J.Q.C. 1333p. 329-19f19: -(T. pseudo-nervatum)
- CAPITATUM, Ralfs, T.M.S. 1361p. 43-4f10; Atlas 96f25;
- J.Q.C. 1333p. 325: (T. violaceum.)--
- CARIBAEUM, Walker & Chase 2p. 3-3f11; Det. S. 1.942;
- CARINATUM, E.-Abh. Ber. 1355p. 303; 1375p. ; Det. Syll. 1.972;
- CARIOSUM, Cast. 1337p. 103-3f3; Notar. 1339p. 599; Det. S. 1.941;
- CASTELLATUM, West.-T.M.S. 1360p. 147-7f6; Plt. 1.354-3f19;
- J.Q.C. 1333p. 326; Walker & Chase 1p. 2-3f10; Det. S. 1.955;
- * *v. fracta*, Walker & Chase.-Grün.-Atlas 167f7, 8: (T. fractum.)---
- * *v. major*, A.S., Atlas 73f2; 83f16;
- CASTELLIFERUM, Grün., Atlas 128f9; 152f16;
- Led. Vol. 2, No. 22pl. 21f17; (Hemiallus.)---
- * var., A.S., Atlas 128f17, 18;
- CASTRACAEI, Pant. 1. 51-29f239; Notar. 1339p. 323; Det. S. 1.955;
- CAUDATUM, Witt 1335p. 32-11f4; Atlas 111f18-23; Pantoc. 2p. 39;
- Det. Syll. 1.943;
- CELEBENSE, A.S., Atlas 77f40; Det. S. 1.971;
- CELLULOSUM, Grev.-T.M.S. 1361p. 44-4f14; Atlas pl. 95f23-32;
- Walker & Chase 2p. 3-4f3; Det. S. p. 929;
- * *v. Japonica*, Brun & Temp. p. 61-6f13; Det. Syll. 1.940;
- * *v. major*, Walker & Chase 2p. 3-4f3; Bot. Cult. 1333p. 131; Det. S. p. 940;
- * *v. Simbirskaiana*, Witt 1335p. 32-11f3-10; Pant. 2, p. 39;
- Atlas 111f30-33; 112f4; Det. S. p. 940:

Crenulatum,

"forma gibbosa, Gr. J.Q.C. '87 p. 7-254.

CINNAMOMEUM, Grev.-M.J.I363p.232-10fI2; Atlas I3If23,24; Cl.Vega p.
509; Wollé,85fII; IO5fI3; Del.S.l.974; -(Cestodiscus; -Pseudo-tric.)-
CIRCULARE, Grun.,V.H.S. Del.Syll.p.955: (Lamproseus c.)
COERULESCENS, Pant.3p. -I3f235; (Amphitetras; -T.vericolor.)--
COLUMBI, Witt I333p.22-2f5-7; Atlas II2f20; Del.S.p.968;
COMPACTUM, Brtw.MSS.; -Prit.1.853; Del.S.p.972: (T.armatum,var.)-
COMPAR, A.S.,Atlas 3IfII; Del.S.p.946;
COMPTUM,E.-Abh.Ber.I343p.I36; M.J.I353p.249-4f4; I354p.233,f2; Prit.
p.357; Carr.p.96; Fortm.Cey.p.50; Del.S.p.972: (T.favis,var.?)
CONCAVUM, Bailey & Harvey p.I3I-9f24-26; Prit.p.353; Del.S.p.970;
CONCILIATUM, Pant.2l.39-2If325; (Amphitetras.)-
v.validior, Pant.2p.39-2If327; (Amphitetra c.,var.)
CONCIANUM, Grev.-T.M.S.I364p.I3-2f7; Grun.I363p.I03;
J.Q.C.I337p.I33; Del.S.p.950;
CONDECORUM, E.-Abh.Ber.I344p.272; K.S.A.l.I40; M.J.I353p.250-4fI2;
Prit.p.357; Atlas 11.73f27; J.Q.C.I337p.I33; Atlantic City; Oamaru
Wollé,I02f6; Part.Ip.52-I3fI46; 2,p.39; Del.Syll.p.932;
v.Neogradensis, Pant.Ip.52-27f256; 2,p.39:
Notar.I333p.320; Del.S.p.932;
CONFIFERUM, Brtw.-M.J.I356p.274-I7f3; Prit.p.353; Atlas 96f27-3I;
Walker & Chase 2p.3-3fI7; (Trinacria c.)-
CONSIMILE,Grun.-V.H.S.pl.I03f2; Atlas 34fI3,I4; Wollé,99fIO; IO3f6;
Del.Syll.p.926; (Quontella.)---
CONSTANS, Grev.-M.J.I363p.233-IOf7; Del.S.p.920:
CONSTELLATUM, Brun & Tp.p.3I-3fI2; Atlas I59fIO; Del.S.p.923;
CONTORTUM, Shaub.-T.M.S.I354p.I5-I7f; Prit.p.353-3fI3;
Atlas 37f9-II; (Biddulphia & Denticella Indica.)--
CONVEXIUSCULUM, A.S.,Atlas pl.I5If5,6;
CONVELUM, Grev.-T.M.S.I362p.27-3f6; Del.S.p.950: (T.m...)-
CORDIFERUM, Grove & Sturt.-J.Q.C.I337p.I36-IIIf23; Del.S.p.95I;
Notar.I337p.354;
CORNUITUM, Grev.-T.M.S.I36Ip.45,69-3f3; V.H.S.pl.I03fI2,I3;
(Quontella c.)
CORONATUM, Castr.I337p.I03-6f7; Notar.I339p.699; Del.S.p.9I6;
COUTOURIANUM, Br.& Tp.-Led.Vol.I,I390p.32-4fI; Del.S.p.939;
COSCIINOIDES, Grove & Sturt.-J.Q.C.I366p.327-I9fI3; Atlas I5If35,36;
Notar.I337p.350; Del.S.p.922; (Pseudo-tric.)-
v.quadrata, .Grove & Sturt, in J.Q.C.I337p.75:
CRASSUM, Shaub.-T.M.S.I354p.I5; Prit.p.357; Del.S.p.954;
CREBRESIRIATUM, Grove.-Led.Vol.II.5-2f7; Del.S.p.939;
CRENATUM, Kitton.-Prit.p.939; Carr.p.96; Atlas I5IfI6;
(Discoidea undulata.)---
CRENULATUM, Grove & Sturt.-J.Q.C.I337p.7-2f3; Notar.I337p.35I;
Atlas I73f9; I23f20,2I; Del.S.p.937; (Lamproseus; -T.gibbosum,var.)-
CRISTATUM, Pantoc.3p. -I4f2I3; Del.S.p.946;
CRUCIATUM, Fortm.Cey.p.59; Cl.I373p.I7; Malaisie; (Amphitetras.)-
CRUCIFERUM, Kitton.-Grun.I363p.24: (Raphoneis amphiceiros.)
CRUCIFORME, A.S.,Atlas 77f4I; Del.S.p.9IO: (Amphitetras.)-

: : : : : :

CUCULUTION, Pant. 2p. 39-141231; 22f333; Del. Syll. 1. 951:

* v. *disseminato-punctata*, Pant. 2p. 39-141239; Del. S. 1. 951; (Non-accept.)-* v. *laticor*, Pantoc. 2p. 39-22f333; Del. S. p. 934;* v. *validior*, Pant. 3p. -31f443;

CULTUM, A. S., Atlas 135f3, 5x: Del. S. p. 910: (Amphitetras c.)----

CUNEATUM, A. S., Atlas 123f13; Del. S. p. 936: (Lithodesmium ?)----

CURVATO-VITTATUM, A. S., Atlas 95f22-23; Pant. 2, 1. 39:

Del. S. p. 947; (T. *delectabile* & *vittatum*.)---

CURVIBACCATUM, Brin. -LeD. Vol. 2 No. 17, 1. 37-3f10:

CURVICOSTATUM, Brin. -LeD. Vol. 2 No. 22, p. 244-21f1, 2: Atlas 77f5:

CURVILIMBUM, Brin & Temp. p. 31-3f1: Del. S. p. 957;

* v. *decorata*, Brin. -LeD. Vol. 2 No. 22, p. 244-21f3;

CUSPIDATUM, Jan. Gaz. pl. 11f14, 15; Atlas 34f2, 3; Del. S. p. 910: -(A' tetras)

CYCLAMEN, Brin. -Atlas 135f5; Del. S. p. 913; (Amphipentas; -T. *simbol.*)-

DAVIDSONIANUM, Witt 1333p. 23-7f11; Del. S. p. 966:

DAVIANUM, Grev. -M. J. 1362p. 232-10f4: (Entogonia D.)-

DEBESII, Pant. 2p. 39-19f300; Del. Syll. 1. 959;

DECORUM, Grev. -T. M. S. 1362p. 92-9f7; Del. S. p. 939;

DEDUCTUM, Pant. 3p. -19f235; Del. S. p. 968:

DEFINITUM, Grev. -T. M. S. 1364p. 34-10f3; Del. S. p. 939;

DEFORMATUM, Pant. 2p. 39-23f397; Del. S. p. 934;

DELICATULUM, Grev. -T. M. S. 1331p. 15, 70-3f11; Del. S. p. 955:

DELECTABILE, Pant. 3p. -20f290; Del. S. p. 946; -(T. *curvato-vittatum*.)----

DENTICULATUM, Grev. -M. J. 1363p. 233-10f14; Gran. 1363p. 102:

J. Q. C. 1336p. 323; Del. S. p. 964:

DETONI, Pant. 3p. -33f515; Del. S. p. 971:

DIGITALE, Brin. -LeD. Vol. 2 No. 22, pl. 21f4, 5: (Biddulphia *decorata*.)---

DISCIFORME, Grev. -M. J. 1363p. 232-10f11; Atlas 75f9; Del. S. p. 937;

DISCIGERUM, ---Vide V. A. S., under *Ouontella*.)

DISSIMILE, Gran. -Atlas 31f5; 152f15; Del. S. p. 910: -(Amphitetras.)-

DISTINCTUM, Jan. -Atlas 33f1; Del. S. 1. 922: (T. *affine* ?)-

DISTINGUENDUM, Pant. 3p. -13f240; Del. S. p. 968;

DIVISUM, Gran. -V. A. S. 1. 113f3; J. Q. C. 1336p. 327;

Del. S. p. 946: (Biddulphia.)--

DOBREANUM, Grev. -T. M. S. 1365p. 6-2f23, 24; Del. S. p. 926;

* var. *Novae-Zeelandiae*, Grove & Start. -J. Q. C. 1336p. 323-19f17, 13;

Atlas 136f2; Notar. 1337p. 351; Del. S. p. 927;

DUBIUM, Britw. -M. J. 1359p. 130-9f12; Prit. p. 357; London Clay; Cleve

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 - * var. "b", Britw.-M. J. 1351p. 274-1717;
 - * v. biangulata, A. S., Atlas 93f5;
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 - * v. pentagona, -J. Q. C. 1337p. 137; Witt 1333p. 21-7f3; -(Amphitetras.)
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 * v. *hebetata*, Grun. --- (Biddulphia; -T. renunciatum.) --
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 * v. *pentagonalis*, A.S. Atlas 79f4; Malaisie; - (Nothoceratium; -A' pentag.)
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 * v. *elongata*, A.S., Atlas 30f21;
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 * v.rotunda, Br.I39I.47-I3fI4;
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 * v.solida, Walk.& Chase 21.5-3fI2; Bot.CbIt.I333p.I3fI; Del.S.p.932;
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 HEIBERGIANUM, Grn.-Heaw.I333p.I45; V.I.S.pl.II2f9-II; Pant.21.9I;
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 * forma quadrifona, Pant.2p.9I-25f333; Del.S.p.93I;
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 * v.Australis, Grn.-Cl.I330p.II2; Del.S.p.92I;
 * v.Kamtschatica, Grn.-Cl.I330p.II2; Del.S.p.92I;
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 * v. macrofolia, Grun.-V. 1. S. 1p.1.110ff3; Atlas 123ff3;
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 * var. tetragona, Witt 1333p.24-7ff10; Det.S.p.909; (Amphitetras.)---
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MACULATUM, Kitt. -J.Q.C. 1371p. 139-14f14; -(Biddulphia & T. 1. 1. 11.)-

MAGASCARENSE, Grev. -V. 1, S. 1, 103f3; Atlas 31f13; 94f15;

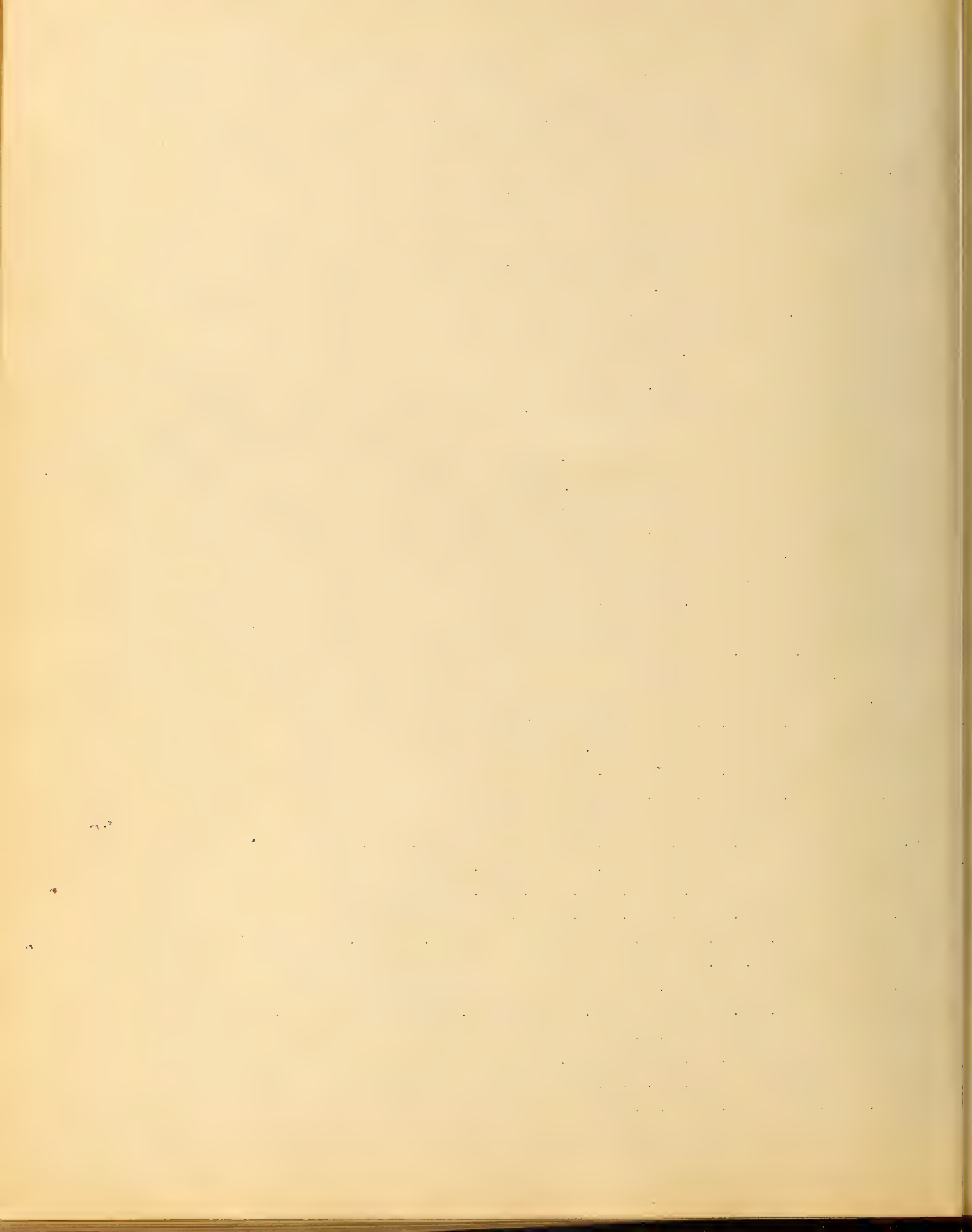
Part. 2, p. 92; Det. Syll. 11. 945;

(Dactylia.)--

MAJUS, Grove & Smith. -Atlas 127f1, 2; 133f15:

(T. venustum, var.)--

J.Q.C. 87p. 7.



- MALLEUS, Britw.-M.J. 1353p. 164-3f5, 7; Prit. p. 357; (Bellerophon.)--
 " v. tetragona, *M.H.C.* -V. 1. S. pl. 114f1;
 MAMMIFERUM, Grin.-V. 1. S. pl. 112f6; Del. Syll. p. 969; (Quontella m.)--
 " var. *minor*, *Forst.* -V. 1. S. pl. 112f7;
 MAMMOSUM, Grev.-T.M.S. 1360p. 9-2f19; Del. S. p. 966;
 MARGARITACEUM, Rafis.-Prit. p. 355; Del. S. p. 972;
 MARGARITIFORME, Cl.-M.N.V.C. 1. 25-3f7; Atlas 154f3; (Margaritiforme.)--
 MARGINATUM, Britw.-M.J. 1353p. 275-13f17; T.M.S. 1360p. 143-7f4;
 1361p. 31-10f5; Prit. p. 354; (Antogonia.)---
 MARYLANDICUM, Britw.-M.J. 1356p. 275-17f17; Prit. p. 353; Atlantic City;
 Sm. Sp. T. 301: wolle, 10f3; (T. (Actinoptychis) amblyoceros & m.)---
 MEGASTOMUM, E.-*M.H.* Ber. 1345p. 81; Mik. pls. 35A-17f14; 35A-13f14; V.
 S.A. p. 140; Weisse Gr. p. 309-2f66; Prit. p. 355; Del. S. p. 973;
 MEGASTOMUM, Britw.-M.J. 1356p. 243-4f7; Atlas 93f3, 7; Fortm. Cey. p. 59;
 Malaisie; (Quontella affine & m.; Tr. affine & favis.)--
 MEGAPORUS, E.- ; Edw. Vol. 5p. 145;
 MEMBRANACEUM, Britw.-M.J. 1353p. 251-4f15; S.B.D. 21. 102; Deby. Polid.,
 1. 23; wolle, 10f3; (Blau. 130p. 18; var.; -T. striatatum.)--
 MESESCYDUSKI, Part. 21. 92-27f195; Del. Syll. p. 957;
 MESOLEIUM, Grin.-~~V. 1. S.~~ Del. S. p. 971; (Amiaulus.)
 MICROCEPHALUM, Grev.-T.M.S. 1361p. 74-9f4; Grin. 1334p. 17; -(Trinacria?)--
 MICROPORUM, E.-Abh. Ber. 1375p. 1. 1f16; (T. microstigma.)--
 MICROSTICUM, Grev.-T.M.S. 1364p. 90-13f17; Del. S. p. 949;
 MICROSTIGMA, E.-Abh. Ber. 1375p. 1. 1f15 ?; (T. microporum.)--
 MICROTIS, Grin.-Part. 1p. 53-27f254; 2, p. 92; Del. S. p. 925;
 Notar. 1333p. 327; (T. tripos, v.)--
 " v. quadricellata, Part. 31. -13f269; Del. S. p. 925;
 MINUSCULUM, Grin.-Cl. & M. No. 273; Del. Syll. p. 972;
 MINUTUM, Walker & Chase 2p. 9-4f15; Del. S. p. 944; Bot. Col. 16. 1361. 101;
 MIRIFICUM, Brin.-Ed. Vol. 2 No. 22, p. 245-2f16;
 MODESTUM, Grev.-T.M.S. 1364p. 93-13f14; Del. S. p. 924;
 MOLLERI, Part. 1p. 53-3f47; 2, p. 92; Not. 1333p. 328; Del. S. p. 935;
 MONTEREYI, Britw.-M.J. 1353p. 251-4f3; Prit. p. 355; Edw. N. 4. 11f11; Cl.
 1330p. 112; Atlas 94f1-3; 150f21; 159f7; Brin & T. p. 74; J.R.C. 1337 pp.
 76, 137-11f25; wolle, 102f1; 107f3, 9; Del. S. p. 922;
 " var. *primordialis*, Brin.-Atlas 165f4;
 MORLANDII, Grove & Sturt. -J.R.C. 1337p. 7-2f5; Notar. 1337p. 351;
 Atlas 123f5, 6; 150f22; Del. S. p. 929; (Antogonia Davyana, var.)--
 MORONENSE, Grev.-T.M.S. 1365p. 32-4f13; Grin. 1363. 102;
 J.R.C. 1335p. 139; Del. S. p. 949; (Biaulphie.)--
 " v. *Nicobarica*, Grin.-V. 1. S. pl. 110f6;
 MUCRONATUM, A.S., Atlas 111f1, 2; Part. 2, p. 93; Del. S. p. 933;
 MULTIFRONS, Brin & Tam. p. 63-6f2; Atlas 163f3; Del. S. p. 962;
 MULTIPLEX, Jan.-Atlas 75f1; 8f14; (Nothoceratium; -Stictodiscus.)
 MURICATUM, Britw.-M.J. 1353p. 249-4f5; Prit. p. 356; Atlas 33f3-10;
 wolle 11. 102f7; Del. Syll. p. 923;
 " var. *fossilis*, Partoc. 1p. 52-26f240; (T. fossile.)--

- NANNORENSIS, Griseb.-V. i. S. pl. II 319, II: Det. Syll. p. 945;
 (Biddulphia; -Tr. acutangulum.)
 NEBULOSUM, E.-Abh. Ber. I 372 p. 300; Det. S. p. 971;
 NEBULOSUM, Grev.-T. M. S. I 351 p. 33-10 f 15; Det. S. p. 952;
 NEGLECTUM, Grev.-T. M. S. I 351 p. 7-2 f 20; J. Q. C. I 337 p. 7;
 Det. S. p. 952; Led. Vol. 2, pl. 20, Note; (Capsula)
 NICOBARICUM, Griseb.-Atlas 73 f 21, 22; Det. S. p. 947;
 NITESCENS, Grev.-T. M. S. I 351 p. 3-2 f 19; J. Q. C. I 337 p. 623;
 Atlas I 27 f 12; Det. S. p. 953;
 NITIDUM, Grev.-T. M. S. I 351 p. 44-4 f 13; Det. S. p. 953;
 NOBILE, Witt I 351 p. 34-10 f 3; II f 4, 7; J. Q. C. I 337 p. 170; Pant. 2, p. 95;
 Atlas III f 25-29; I 50 f 25; Det. S. p. 957; -(Amphipentast, p. p.; -A' tetras. pl.)
 NORMANNIANUM, Grev.-M. J. I 353 p. 234-10 f 19; Det. S. p. 952;
 " v. sextans, Brin.-Led. Vol. 2 No. 22, pl. 2 f 7;
 NOTABILE, Grev.-T. M. S. I 351 p. 74-9 f 2, 3; Det. S. p. 950;
 NOTATUM, Pantoc. 3 p. -20 f 233; Det. S. p. 945;
 NOVAE-CAESARAE, Boyer. -- ?? (Hydrosera.) --
 NOVAE-ZEELANDIAE, Grove & Start.-Atlas I 27 f 2-3;
 NUDUM, Pant. Ip. 53-4 f 38; Not. I 333 p. 623; Det. S. p. 923; (T. muricatum.) --
 OAMARUENSE, Grove & Start.-J. Q. C. I 337 p. I 35-10 f 13; Atlas I 23 f 2;
 Notar. I 337 p. 355; Det. Syll. p. 923; (Tr. parvulum.) --
 " v. sparsim-punctata, Grove.-Atlas I 59 f 4;
 OBESUM, Grev.-T. M. S. I 354 p. 90-13 f 11; J. Q. C. I 337 p. 7; Atlas 94 f 7;
 Det. S. p. 970;
 " forma tetrapoda, Brin.-Led. Vol. 2 No. 22, pl. 2 f 3;
 " var., A. S., Atlas I 23 f 15;
 OBLIQUUM, Griseb.-V. i. S. pl. II 0 f 11; Wille, I 03 f 10;
 Det. S. p. 957; (Biddulphia.) --
 OBSCURUM, Grev.-T. M. S. I 351 p. 75-9 f 3; Atlas 75 f 5;
 Wille, I 02 f 10; Det. S. p. 952;
 OBTUSUM, E. ~~Mbh.~~ Ber. I 344 p. 33; Amer. p. I 37; Mik. pl. I 3 f 43, 49; V. 3 p.
 I 39; V. S. A. p. I 40; Det. S. p. 973; (Eudia Brightwellii; -T. parallelum, v.)
 OBTUSUM, Brtw.-M. J. I 353 p. 251-4 f 20; S. B. D. 2, p. I 03; Prit. p. 357; T. M. S.
 I 353 p. 3; Petit Cat. p. 37; Fortm. Cey. p. 30; Cl. I 373 p. I 6; I 330 p. I 6;
 Atlantic City; Deby Polar p. 23; Wille, I 04 f 7; I 03 f 3; Nord P. p. 457
 Det. Syll. p. 972; (T. fava & pileolus.) --
 OCELLATUM, E. ~~Mbh.~~ Ber. I 345 p. 363; Mik. p. I 40; V. S. A. p. I 41;
 Prit. p. 355; Det. S. p. 973;
 OCULATUM, Grev.-T. M. S. I 354 p. 94-13 f 20; (Amphitetras.) --
 " forma hillabyana, Brin.-Led. Vol. 2 No. 22, pl. 24 f 9;
 ORBICULATUM, Shadb.-T. M. S. I 354 p. I 4-1 f 3; M. J. I 351 p. 275-17 f 20;
 Prit. p. 953; T. M. S. I 352 p. 23; Breb. Verm. p. 10; Jan. & R. p. I 4-2 f 5;
 Cl. I 373 p. I 7; Perag. p. 75; Malaisie; Det. S. p. 942;
 " v. elongata, Griseb.-M. M. J. I 377 p. -19 f 2; Det. S. p. 942; -(T. ovale.) ----
 ORIENTALE, Bailey & Harvey p. I 79-9 f 19; (T. fava & pileolus)
 ORNATUM, Grev.-T. M. S. I 351 p. 45; Atlas 95 f 13; Det. Syll. p. 940;
 Wille pl. I 01 f 15;

parallelum,

" forma hexagona, Gr. J. M. S. 1865 p. 104-9 f. 23:

" v. quadrata, J. A. C. '86 p. 326:

" v. pentagona, J. A. C. '86 p. 326:

" v. gibbosa, J. A. C. '87 p. 138-14 f. 58:

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PALLIUM, Grev.-T.M.S. I364p.34-10f7; Witt I333p.27-7f19, 21;

Det.Syll.p.933;

PALMIPES, Brn.-

(T.Semseyi; -Trinacria.)--

PANTOCSEKII, Grun.-Pant.Ip.53-4f34, 36, 37; 2, p.93; Atlas 93f9, 9a;

Notar. I333p.323; Det.S.p.921;

(T. Wittii, f...)

" forma convexa, Pant.Ip.54-5f40; 2, p.93;

PAPILLATUM, Grove & Start.-J.Q.C. I337p.73-3f14; Notar. I337p.35f;

Atlas I23f16; I37f5, 6; I33f3; Det.S.p.963;

PARALLELUM, Grev.-T.M.S.¹⁶⁵p.104-9f22; ~~33~~; Grun. I333p.24, 102; Atlas

75f3-5; J.Q.C. I335p.170; I333p.326; I337p.133-14f23; Wille, 100f

II, 12, 15: Amphitetras; -Biddulphia; -Nothoceratium; -T. obtusum, E.)--

" var. Balearica, A.S., Atlas 31f2;

(Amphitetras B.)----

" v. Colonienensis, A.S., Atlas 31f1;

(A' tetras.)--

" v. Madagascariensis, Grun.-V.H.S. pl. III f3;

" v. sparsa, A.V. & S. pl. III f1;

(Biddulphia?)--

" v. trigona, Grun.-V.H.S. pl. III f5; Atlas 75f11, 13; 75f14-17, 30: *Oamaru*;

" v. " forma parva, Grun.-V.H.S. pl. III f2, 4, 6;

PARDUS, A.S., Atlas 79f15; Det.Syll.p.945;

PARMA, Bailey.-Lens Vol. 2p.232; Det.S.p.972;

(Coscinodiscus; -Stictodiscus.)----

PARMULA, Britw.-M.J. I353p.275-17f2; T.M.S. I360p.141;

Prit.p.355; Det.S.p.972;

" var. "b" tetragona, West.-T.M.S. I360p.147-7f1; Prit.p.355;

PARTITUM, Grev.-T.M.S. I364p.14-2f3; J.Q.C. I333p.327; (T. Oamaruensis.)--

PATAGONICUM, A.S., Atlas 32f3; Det.S.p.925;

PARVULUM, Cleve, Vega p.503; (Amphitetras.)--

PAUPERCULUM, Grev.-T.M.S. I365p.55-3f26; Det.S.p.953;

PAVIMENTOSUM, Castr. I337p.103-13f3; Not. I339p.700; Det.S.p.955;

PECTINATUM, Grev.-T.M.S. I362p.92-9f3; Det.S.p.930;

PENIACRINUM, Wallich.-M.J. I353p.1-12f10-12; Prit.p.357; *Lens* V. 2p.

p.65; Fortm. Cey. p.30; M.T.P. 4-5-4; Cl. I373p.5; Vega p.509; Atlas

93f7-13; Atti Soc. Ital. Sci. Nat. I365p.272; Wille, 39f3, 7; 101f16;

(Amphipentasternum alternans & p.: -A' tetras. alternans-aristata-orinata.)-----

" var. "b" quadrangula, Wallich.-M.J. I353p.1-12f14;

Prit.p.357; Malaisie;

PERAGALLOI, Pantoc. 2, p.93; 3p. -10f172; Atlas I37f3; Det.S.p.936;

PERMAGNUM, Jan.-Gaz. Exp. pl. : J.Q.C. I333p.326; Det.S.p.972;

PERMINUTUM, Grev.-T.M.S. I364p.39-13f13;

PERPUSILLUM, Grev.-T.M.S. I364p.92-13f13; Det.S.p.969;

PERRYANUM, Witt I333p.24-3f12;

(Amphitetras.)--

PETROI, Pantoc. 2, p.93; 3p. -23f339;

PETITII, Pantoc. 2p.93-22f323; Det.S.p.959;

PICTURATUM, Grev.-T.M.S. I363p.83-9f19; Det.Syll.p.951;

PILEATUM, Grun.-V.H.S. pl. II f3; Det.S.p.926; (Pseudo-coscinodiscus.)

PILEOLUS, E.-Abh. Ber. I344p.205; Mik. pl. 35A-2f17; K.S.A. p.140;

Weisse I354p.242-1f20; Prit.p.355; Carr. p.96; Wille, 103f1;

(T. obtusum, Britw.; -Trinacria.)

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- PILEUS, E. - ~~Mun.~~ Ber. I340p. 23; Min. pl. I9f13; W.B. p. I39; W.S.A. p. I40;
 Prit. p. 356; Fortm. Cey. p. 59; Wollé, I03f2; Pant. 2p. 93; Del. Syll. p. 943;
 (Tric. armatum, serratum, setigerum, spinosum.) ---
 " v. robustior, Pant. 2p. 93; 3pl. 42f574; Del. S. p. 944;
 PLANO-CONCAVUM, Brin & Temp. p. 63-6f9; LeD. Vol. Ip. 5-If I;
 Del. S. p. 929: (T. Fortescueri.) ---
 PLENUM, Gro. & Start. - Atlas I39f3; Del. S. p. 943; -(T. weissflogii, Grove.)
 PLICATUM, Grun. - V.A.S. pl. II3f10; Atlas 94f3; Del. S. p. 937: -(Biddulphia)
 " forma obtusa, Brin. - LeD. Vol. 2No. 22, pl. 2IfII, I2;
 PLUMOSUM, Grev. - T.M.S. I334p. 85-I0f4; J.Q.C. I337p. I33; Del. S. p. 919;
 POLYCYSTINORUM, Pantoc. - (Entogonia Saratoviana.) -
 POLYGIBBUM, Pant. Ip. 54-5f44: (Nothoceratium.)
 POLYGONUM, Grev. - T.M.S. I335p. I04-9fI4; (Nothoceratium; -Stictodiscus.)
 PONDEROSUM, E.M. Edw. - Lens 2, p. I05: -(Nothoceratium; -T. favus, v. sexang.) -
 PORTUOSUM, Jan. - Atlas 3IfI3; (Nothoceratium; -T. Eilensteinii.) ---
 PRAEFEROX, Pantoc. 3p. - I5f32I; Del. Syll. p. 943;
 PRAETENUE, Grev. - T.M.S. I334p. 37-I3fI6; Atlas 95f20: (Tinnacria.)
 PRODUCTISSIMUM, Bergon. - LeD. Vol. Ip. 7-If4; Del. S. p. 934;
 PRODUCTION, Grev. - T.M.S. I33Ipp. 45, 39-3f9; Del. S. p. 933: -(T. Balearicum.) -
 PROMINENS, Grev. - M.J. I333p. 23I-9fI0; Del. Syll. p. 929;
 PROPRIUM, Pantoc. 3p. - 23f4I3; Del. Syll. p. 947;
 PROTRACTUM, Pant. 2p. 93-I9f005; Del. S. p. 959;
 PSEUDO-ARCTICUM, Pantoc. 3p. - 29f426; Del. S. p. 947;
 PSEUDO-NEURALIUM, Grove & Start. - J.Q.C. I337p. I33; Atlas I27f4;
 Del. S. p. 937; (T. cancellatum, *off G. S.*)
 PULCHELLUM, Grun. - Atlas 93fI6, I7; Del. S. p. 909: -(A' tetras.; -Entogonia.)
 PULCHERRIMUM, Grev. - T.M.S. I33Ip. 32-I0f3; (Entogonia.) -
 PULVILLUS, Castr. I337p. I03-3f3; Notar. I339p. 700: (Amphitetras.) -
 PULVINAR, A.S., Atlas I23f3; I33f7; Del. S. p. 910: (Amphitetras.)
 PUNCTATO-LINEATUM, A.S., Atlas I50f7, 9;
 PUNCTATUM, Wallich. - T.M.S. I330p. 43-2f2I: (T. wallichii.) -
 PUNCTATUM, Brtw. - M.J. I336p. 275-I7fI3; Prit. p. 353-3f20; Edw. N.A. p. 1500 -
 If2, 7; Lewis ~~X86~~ *86* p. 70; Petit Cat. p. 33; Table Bai p. 6; Lagr. I376
 p. I5; Sm. Sp. 1. No. 802: M.T.P. 4-5-3; Cl. I378p. I3; Vega p. 503; Fortm.
 Cey. p. 59; Atlas 76fI9, 20; Brin & Temp. p. 74; Wollé, I0If9, I2;
 Del. Syll. p. 944: *fortm. S.M. p. 25*; (Biddulphia.) -
 " vars., A.S., Atlas 79fI6: V.A.S. pl. I09f6, 9, I0: $\left\{ \frac{5}{3} - \frac{9}{3} \right\}$
 " var., A.S., Atlas 3If6, 7;
 " v. tetragona, A.S., Atlas 93f5: --quadrata???-: (Amphitetras?)
 PUNCTIGERUM, Castr. I337p. I03-I3f4; Notar. I339p. 701; Del. S. p. 939;
 QUADRANGULARE, Grev. - T.M.S. I335p. I0-2f26; Sm. Sp. 1. No. 599;
 Atlas 3If3; Brin & T. p. 74; Wollé, I03f3: (A' tetras.) ---
 " var., Grun. I333p. I03;
 " var., Brin & Temp. p. 74;
 QUADRATUM, Grev. - T.M.S. I335p. I04-9fI9: (Stictodiscus?) --
 QUADRICORNE, Grev. - T.M.S. I335p. I03-9fI3: (A' tetras.) ----
 QUADRINOTATUM, A.S., Atlas I52f3I; Del. Syll. p. 910: (Amphitetras q.) --
 QUINQUEGUTTATUM, Grun. - V.A.S. pl. II3fI3; Del. S. p. 955; (nemialis.) -

TRICERATIUM.---

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QUINQUELOBATUM, Grev.-T.M.S.1366p.33-9f2I; Atlas 79f3;

Villef.p.39:

(Amphipentax; -T.arcticum, v.)--

RADIANS, Brin & Temp.p.64-3f7; Atlas 136f3; Del.Syll.p.950;

" forma quadrata, Brin.-Atlas 136f3:

(Amphipentax; -T.arcticum, v.)--

RADIATO-PUNCTATUM, A.S., Atlas 94f14; Del.S.p.950; *Antip.*

" v. calcarea, Brin & Temp.p.64-2f17; Del.S.p.950;

RADIATUM, Brin.-M.J.1356p.273-17f14; T.M.S.1330p. -7f4; Prit.p.

854; Walker & Chase 2p.4-4f5; Atlas 131f39; Del.

Syll.p.952:

(Biddulphia; -Capsula; -T. tarumannianum.)

" v. minor, A.S., Atlas 151f40;

RADIOLATUM, Janisch.-Atlas 151f37, 38;

RADIOSO-RETICULUM, Grev.-V.1.S.1.11f10; Del.S.p.920;

(Biddulphia; -T. tarumannianum.)

RATRAYII, Pantoc.2p.94-29f417; Del.Syll.p.933;

(Tr.deformatum; -Trinacria.)--

RECAPITUM, A.S., Atlas 311f10; Wille, 10f15; Del.S.p.950;

RECTANGULARE, Grove & Sturt.-J.Q.C.1337p.135-10f17:

Notar.1337p.355:

(Amphipentax.)--

REGINA, .-Wille pl.105f17:-(Nothoceratium; -T.favis, v.sexangulata.)

RENUNCIATUM, Pantoc.2p.94-2f319; Del.S.p.933:-(T.flos, v.hebetata.)----

REPLETUM, Grev.-T.M.S.1366p.33-9f13; Walker & Chase 2p.7-4f7;

J.Q.C.1337p.133; Del.S.p.933;

" v. bellarica, Grev.-V.1.S.1.11f17:

RETICULATUM, Grev.-T.M.S.1366p.104-9f2I; (Entogonia; -Nothoceratium)

RETICULUM, L.-Mon.Ber.1344p.389; Mik.pls.13f50; 33-10f13; K.S.A.p.

140; M.J.1356p.251-4f17; Weisse 1354p.241-1f13a, b; Prit.p.357;

Atlas 73f4, 20; Wille, 104f5, 6; 103f10; 104f10; 105f10; 106f10;

(Biddulphia & T.flos; -Tr.punctatum.)--- *Finlay's group* 10-15

RIVALE, A.S., Atlas 34f1; 93f3, 3a; Del.Syll.p.910:

(Amphipentax.)--

ROSTRATUM, Grev.-T.M.S.1366p.231-9f10; T.M.S.1330p.7-2f12;

Atlas 33f2, 3, 5-7; Del.S.p.919:

(T.grandis.)--

" vars., A.S., Atlas 32f14, 15:

33f4;

ROBUSTUM, Grev.-T.M.S.1366p.71-3f15; Atlantic City;

Wille, 101f11; Del.S.p.935;

ROPERIANUM, Grev.-T.M.S.1366p.93-9f3; Del.S.p.943:

ROSTRATUM, Petit Nimrod p.3-3f3; Del.S.p.944, 1013;

(Ditylium r.)--

ROTIFER, Fortm.Cey.p.61-9f103; Del.S.p.943;

ROTUNDATUM, Grev.-T.M.S.1366p.75-9f6; Atlas 94f3; 123f12;

J.Q.C.1336p.327; Witt 1333p.22-7f2; Del.S.p.965;

RUGOSUM, Grove & Sturt.-J.Q.C.1337p.75, 135-5f4; 14f23;

Notar.1337p.352; Atlas 127f13; Del.S.p.923X

(Capsula.)--

RUSSLANDICUM, Temp.-LeD.Vol.1p.1.3f3; Del.Syll.p.931;

RYLANDSIANUM, Grev.-T.M.S.1366p.90-12f6; Del.S.p.939;

RZEHAII, Pantoc.2p.94; 2p.1. -1f14; Del.S.p.933;

SARATOVIANUM, Pantoc.2p.94-7f122; Del.S.p.932;

SARCOPIAGUS, Casti.1337p.109-6f3; Notar.1339p.701; Del.S.p.923;

SARMATICUM, Pantoc.2p.94-23f393; Del.Syll.p.931:

SCHUMBERGERI, Brin & T.p.65-3f3; Atlas 159f9; Del.S.p.955;

- SCANDIUM, Jan.-Atlas 33fI,2: (Nothoceratium.)----
- " var., A.S., Atlas 33f3,4:
- SCITULUM, Britw.-M.J.1355p.250-4f9; Prit.p.357; Grun.1363p.24;
M.T.P.4-5-II; Fortm.Cey.p.59; Atlas 33fII,13; Wolle, 100f1;
Malaisie; Del.Syll.p.922:
- " var., A.S., Atlas 34f5; Malaisie;
- SCOPUS, Brun.-LeD.Vol.2No.22pl.20, Note; pl.24fI2: (Caperula s.)---
- SCULPTUM, Stadl.-T.M.S.1374p.II-III; Prit.357; Wolle, 100f1;
Cey.p.60; Atlas 73f9-II; 150fI7; (Mobile; (Biddulphia; -T.punctatum.)----
- Villef.p.39; Wolle, 100f3,5:
- " var., A.S. Atlas 73fI2,3I:
- " var., Wolle pl.III f4;
- " v. Petriobolitara, Grun.-V.A.S.pl.III f3:
- SECEDENS, A.S., Atlas 123f3,4: (T.grandis?)--
- SECCERNENSUM, A.S., Atlas 73f3; Wolle, 100fI7; Del.Syll.p.947;
- SEMICIRCULARE, Britw.-M.J.1355p.252-4f2I; Wolle, 105f2-4;
T.B.C.Vol.13p.75-89f3: (Eudora Brightwellii.)---
- SENSEYI, Part.2p.94-23f339; Del.S.p.93I: (Trinacria palmipes.)
- SENDAIENSE, A.S., Atlas 165fI:
- " forma quadrata, A.S., Atlas 163f3: (Amphitetras.)-
- " var., A.S., Atlas pl.135f2,2x:
- SENTUM, A.S., Atlas 150f2-3;
- SEPARATUM, A.S., Atlas 73f3; Del.S.p.945;
- SEPTANGULUM, Grun.-S.M.S.1362p.102: (T.favus, v. sept.)---
- SEPTUM, Part.2p.94-14f246; Del.S.p.933;
- SERRATUM, Wallich.-M.J.1353p.243-12fI-3; Prit.p.355;
Del.S.p.973: (T.9, 10, 11.)-
- SETIGERUM, Bailey N.S.p.II, f26: (T.9, 10, 11.)-
- SEXANGULUM, Grev.-T.M.S.1365p.103-9f24: (Nothoceratium.)----
- SEXPARTITUM, Grove & Start.-J.R.C.1337p.145-14f34: (Nothoceratium)
- SEYCHELLENSE, Grun.-V.A.S.pl.IIOfI; Atlas 3If5;
Del.Syll.p.945: (Biddulphia.)--
- SIADBOLDIANUM, Grev.-V.A.S.pl.IOf5-7; Atlas 30fI3-20; Malaisie;
~~Quontella-lampriscus~~; Villef.p.70; Witt 1338p.22-3fI7; Del.S.p.934;
(Quontella-lampriscus.)-
- SIADBOLDII, L.W.Bailey, -B.J.N.A.133I p.343-1f30,6I;
Wolle, 64fI0; Del.S.p.973;
- SIDEREUM, A.S., Atlas 152f2I; Del.S.p.910: (A'tetras.)--
- SIMPLEX, Brun & Temp.p.35-5fI2; Del.S.p.933;
- SIMPLICISSIMUM, Witt 1335p.34-3f7,9; Atlas 150fI3;
Part.2p.95; Del.S.p.963;
- SINENSE, Schwartz.-Rabh.Alg.No.240; Grun.Vol.13p.163;
Del.S.p.973; Petit Nimrod p.7-4f3: (Actinoptychus annulatus.)----
- SMITHIANUM, Grev.-T.M.S.1364p.92-13f7; Del.S.p.950;
- SMITHII, Part.2, p.95; 3p. -5f33; Del.S.p.934;
- SOKOLOVII, Part.3p. -22f33I; Del.Syll.p.947;
- SOL, *West*.-A.S., Atlas 152f4-9: (Ditylium.)---

Sarcoceros, 6. - Jan 21: 31:

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- SOLENO CEROS, L. - ~~M.~~ Ber. 1344p. 273; A.S.S. 1345p. 329-4f23; K.S.A.p. 140; M.J. 1353p. 243-4f1; Prit. p. 356-6f15; Atlas 77f21; 96f11; Part. 1p. 54-23f28; 2p. 95; Atlantic City; Wollé, 101f3; -(Trinacria regina.) -
- SPECIOSUM, Pantoc. 3p. - 12f195; Del. S. p. 947;
- SPECTABILE, Weisse Giano p. 307-2f67; Del. Syll. p. 971;
- SPINOSUM, Bailey. - A.S.S. 1343p. 139-3f12; K.S.A.p. 141; Malaisie; Prit. p. 353-6f19; R.E.D.p. 316; Atlas 37f2, 3, 7; Atlantic City; Villef. p. 70; Wollé, 25f22; 77f4, 9, 10; 102f2, 5; Del. S. 14. 923, 973; (Tr. armatum, seriatum, setigerum, triaetylum.) --
- vers., A.S., Atlas 37f4, 5, 13-15;
- v. ornata, Grove & Sturt. - J.Q.C. 1336p. 320-19f20; Atlas 150f11; Notar. 1337p. 352; (T. fallaciosum.) ----
- SPINULOSUM, Grun. - Atlas 37f1; Malaisie; Del. S. p. 925;
- SQUAMATUM, Part. 2, p. 95-9f164; Del. S. 1. 931;
- v. radiata, Brun. - LeD. Vol. 2 No. 22, p. 215-21f13;
- SQUAMIFERUM, Pantoc. - (Entoponia Tinanii.)
- STAUDII, Part. 3p. - 33f513; Del. S. 1. 971;
- STIGMATIUM, Part. 3p. - 22f324; Del. Syll. 1. 947;
- STOKESIANUM, Grev. - T.M.S. 1333p. 3-2f23; Brun & T. p. 74; J.Q.C. 1335p. 139-12f5; 1337p. 137; Del. S. 1. 927; Part. 1p. 54-10f137; 2p. 95;
- v. Moravica, Part. 2p. 95; Atlas 112f19; 159f2;
- STOLTERFOHLII, Witt 1333p. 23-7f13; Del. S. p. 967;
- STRABO, A.S., Atlas 36f3, 7; Witt 1333p. 22-6f9; (Nothoceratium.)
- STRIOLATUM, L. - Kreid. 1340p. 79-4f9; K.B.p. 139-13f10; K.S.A.p. 140; M. J. 1353p. 250-4f10; T.M.S. 1354p. 74-6f3; 1359p. 23 cum icone; Prit. p. 355; Weisse 1354p. 241-1f13c, d; Lewis N. & R. S. p. 55; Gall. p. 90; 111f1; R.E.D. 1. 316; M.M.J. 1373p. 155; M.T.P. 4-5-9; Del. 1. 1373p. 15; Cl. 1373, pl. 1f2; Parap. p. 75; Wollé, 104f11, 12, 14; Del. S. 1. 945; -(Amphibolites wiessii; -Bidd. rhombus, var.; -T. aeternum, intricatum, perforatum.) --
- STRIOLATUM, W. Sm. B.D. 1p. 27-5f46; Vol. 2p. 37; (T. unilatum.) --
- STURTHII, Part. 1p. 55-22f194; 2p. 95; Notar. 1333p. 329; (A' tetras.; -T. Balearicum, v.) -
- SUBCAPITATUM, Grev. - M.J. 1333p. 254-10f20; Atlas 96f22-24, 20; Del. S. 1. 951; (Trinacria.) ---
- v. baccata, Brun. - (Hemianthus pileolus, v. bacc.) --
- v. Russica, Part. 2p. 95-23f349;
- SUBCORNUTUM, Grun. - Atlas 99f15-13; Wollé, 101f4, 5; Del. S. p. 909; (A' tetras.)
- SUBLIME, A.S., Atlas 93f3; Del. S. p. 922;
- SUBORBICULARE, Part. 2p. 95; 3pl. 3f47; Del. S. p. 936;
- SUBRADIATUM, Grun. - Cl. & M. No. 273; Del. S. p. 972; (T. inornatum, v.)
- SUBROTUNDATUM, A.S., Atlas 93f1; Del. Syll. 1. 922; Wollé, 102f3; 112f7; (A' tetras.)
- SUCCINCTUM, Witt 1333p. 24-6f13-20; Del. S. pl. 945, 953;
- SEAVALLENSE, Part. 1p. 55-5f45; 23f272; Del. S. 1. 955;
- TRELLARIUM, Brun. - M.J. 1353p. 275-17f15; Prit. p. 354; Cl. 1373p. 17-5131; Wollé, 100f10; Del. S. 1. 955; -(T. breviterminum var. fuscum.)
- var., A.S., Atlas 77f3-5;

> Trigonum, Bai Bey. ? (Ditylum)

TRICERATIUM. ---

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- * var. major, Grove & Sturt. - Det. Syll. p. 954: - (Tr. venulosum, var. n.)
 * v. diplosticta, A.S., Atlas 77f1, 2:
 TECTUM, Part. 3p. - 22f322; Det. S. p. 947;
 TEMPEREI, Bran. - LeD. Vol. 1p. 33-3f7; Det. S. p. 913;
 TERTIARIUM, Part. 2p. 95-5f35; Det. S. p. 933; (Not-a-terminus.) ---
 TESSELATUM, Grev. - T.M.S. 136p. 71-3f14; Atlantic City;
 J.O.C. 133p. 170-12f17; Det. S. p. 939;
 * var., A.S., Atlas 73f50;
 TETRAGONUM, Part. 2p. 95-3f143; (Amphitetrus.) -
 THAIENSE, Castr. 1337p. 106-13f14; (Nothoceratium)
 THUMII, Part. 1p. 55-5f39; 2p. 96; Atlas 90f2, 2a; 126f1; Det. S. p. 922;
 THWAITESIANUM, Grev. - T.M.S. 135p. 23-3f5; Det. S. p. 919;
 TRIASICUM, Part. 2p. 96; 3p. 12f139; Det. S. p. 933;
 TRIDACTYLOM, Britw. - M.O. 135p. 243-4f3; Atlas 37f12;
 Wollf 11. 105f1; *Castr. Dalmazie 1813p 212* (Tr. s. n. n.) -
 TRIFOLIATUM, Cleve. - N.L.V.C. p. 23-3f71; (Hydrosera.) -
 TRIFOLIUM, A.S., Atlas 73f14; Det. Syll. p. 955;
 > TRILINEATUM, Grev. - T.M.S. 136p. 55-3f27; (Tr. radiatum.) --
 TRILINGULATUM, -- A. Schmitt. (Actinoptychus; -Schistia.) ---
 TRINITAS, Bran. - Atlas 166f3;
 * var. minima, Bran. - Atlas 166f4;
 TRIORBICUM, A.S., Atlas 126f7;
 TRIPARTITUM, Gran. - V.A.S. pl. 110f3; Wollf 11. 100f5;
 Det. Syll. p. 945; (Bidualphia.) --
 * forma miocena, Bran. - LeD. Vol. 2No. 22, p. 246-2f27, 23;
 TRIPECTEN, Bran. - LeD. Vol. 2No. 22, p. 246-2f9;
 * v. spatulata, Bran. - LeD. Vol. 2No. 22, p. 246-2f10;
 TRIPES, Bran. - LeD. Vol. 2No. 22, p. 246-2f14;
 TRIPLEX, Bran. - LeD. Vol. 2No. 22, p. 246-2f15, 16;
 TRIPOLARE, Bran & Temp. p. 66-3f7; Atlas 166f1, 2; Det. S. p. 957;
 TRIPOS, Cleve, N.L.V.C. p. 24-3f72; Det. S. p. 925;
 Atlas 34f3; 15f4; (Tr. microtis.) -
 TRISULCOM, Bailey MSS.; Prit. p. 354-3f27; Atlas 11s. 73f5-8;
 112f17, 18; J.O.C. 133p. 170; 1337p. 103; Witt 133p. 22; Part. 2p. 96;
 Wollf, 100f9, 10; Det. S. p. 959;
 * v. cuneata, Grove. - Atlas 150f13;
 * v. Haytiana, Witt 133p. 22-7f15;
 * v. Hungarica, Part. 2, p. 96; Det. S. p. 959;
 * v. minor, Cl. - J.O.C. 133p. 170-12f3; Det. S. p. 959;
 * v. producta, Witt 133p. 22-7f17;
 TRUAMII, Part. 2p. 96-13f296; Det. S. p. 957 & 973; (Entolonia.) ---
 TRUNCATUM, Britw. - M.O. 135p. 274-17f4; Prit. p. 354; Det. S. p. 972;
 TRUNCATUM, Bran & Temp. p. 66-3f1; Det. Syll. p. 950;
 TSCHESNOVII, Part. - De Toni, Syll. p. 974; (Entolonia.) ---
 TOLVII, Temp. - LeD. Vol. 1p. 3-2f6; Det. S. p. 942;
 TUMESCENS, Castr. 1337p. 109-3f9; Notar. 133p. 701; Det. S. p. 919;

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TUMIDUM, Grev.-M.J. I333p.234-10f13; Atlas 33f17; Det.Syll.1.947;

* v.costulata, A.S., Atlas 73f1;

TURGIDUM, A.S., Atlas 77f13; Det.S.p.943;

TURGIDUM, Cleve.-J.Q.C. I335p.169-12f4; Det.S.p.963;

TURRIFERUM, Witt I333p.23-7f22, 23; Det.S.p.967;

UMBILICATUM, Ralfs.-Prit.1.354; Atlas 91f11; Det.S.p.957;

UNCINATUM, A.S., Atlas 94f4; Wille, 102f12; Det.S.p.926;

UNDATUM, Pant.2p.96-19f299; Det.S.p.957;

UNDOSUM, Pantoc.2p.96-19f304; Det.Syll.1.960;

UNDULATUM, E.-Ach. Bot. I341p.273; V.S.A.1.140; M.J. I353p.250-4f13;

I353p. -3f1-5, 3; Weissflog. I354p.212-1f19; Prit.1.355; Lewis, M.S.A.1.

p.35: Cl. Java 1.3; I373p.17; Hall; Atlantic City;

Atlas 151f41; Pant.1p.55-13f134; 2, p.96; Wille, 104f3, 9; 105f14;

Det.S.p.973;

(Biddulphia flos; -Ditylium; -T. Brightwelli, intricatum, striolatum.)--

* v. Petropolitana, Grun.-V. A.S. 1.116f13;

UNDUM, Eulenstein.-

UNGUICULATUM, Grev.-T.M.S. I364p.35-10f9; J.Q.C. I336p.323: -(A' tetras.)-

UVIFERUM, A.S., Atlas 83f14; Det.Syll.p.943;

VALIDUM, Grun.-Atlas 94f5; Wille, 102f11;

Det.S.p.957;

(T. cristatum, v.)---

VARIABLE, Brtw.-M.J. I356p.275-17f19; T.M.S. I360p.149-7f7;

Prit.p.354; Fortm. Cey.p.60; Wille, 83f3, 5;

(T. alternans?)--

VARIEGATUM, Grev.-T.M.S. I361p.35-10f14;

(Entopionia.)--

VASTUM, Pant.3p. -13f203; 40f556; Det.S.p.947, 971;

VATES, Pant.3p. -23f341; Det.S.p.969;

VENOSUM, Brtw.-M.J. I356p.274-17f15; T.M.S. I360p.147-7f2; Prit.p.354-

6f17; Atlas 33f11, 12; 94f12;

J.Q.C. I336p.327; Prit.

New Y. Mic. Soc. I336p.110-5f4; Walker & Chase 2p.5-4f10;

Det.S.p.953;

(Biddulphia; -T. major.)---

* var. major, A.S., Atlas pl. 150f1: *W.H.S. pl. 113f3*

* v. parva, Weissflog.-Walker & Chase 2p.5-4f10;

Bot. Cbl't. I333p.131; Det.S.p.953;

VENTRICULOSUM, A.S., Atlas 111f3-7; Pant.2p.96; Det.S.p.963;

VENULOSUM, Grev.-T.M.S. I334p.90-13f12; Atlas 77f5-9; 12f13;

Wille, 100f2, 4, 7;

(T. Annasevski & tabellaria.)--

* v. Japonica, Brun & Temp.p.74;

* v. major, Grove & Start.-J.Q.C. I336p.327-19f15, 16;

Notarisia I337p.352;

(T. tabellarium, v.)--

VENUSTUM, Witt I335p.34-3f3; Pant.2p.96; Det.Syll.p.943;

* var., A.S., Atlas 110f13;

VERSICOLOR, A.S., Atlas pl. 166f7, 3; Det.Syll.p.910;

(Amphitetras; -T. conulescens.)---

* v. cuneata, Brun.-Atlas 163f4;

VITTATUM, Pant.2p.96-21f318; Det.S.p.941;

(T. curvato-vittatum.)----

WALLICHII, Ralfs, Prit.1.355;

(T. imbricatum, Wall.)--

WEBSTERI, Tem.-L.S.D. Vol. 1.1.7-1f5; Det.Syll.1.952;

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WEISSEI, Grun.-Atlas 95f2-I2, I4, I4a, I6: Pantoc.2, p.97:

Witt 1335p.34-3f9; I2f2; Det.Syll.1.953: *Ex C. 86 p 37-8*

WEISSEANONI, Pant.21.95-23f40; Det.S.1.931:-(Valve corollae?)----

WEISSHLOGII, Walker & Chase 2p.3-3f2, 3; J.Q.C.1337p.133-II f22;

LeD.Vol.1p. -415; Notul.1337p.355; Det.S.1.935;

WESTIANUS, Grev.-T.M.S.1331p.43-1f11; Atlas 77f30, 32; 91f12;

Walker & Chase 2p.3-3f9; Det.S.1.935;

WIAMPOENSE, Schwartz.-Rabh.Alp.No.240; Neww.1374p.163; Det.S.1.

973: (Lundberg?)--

WILKESII, Bailey & Harvey p.173-9f7, 3; Det.S.p.945: (T.arcticum, v.?)

WILLII, Jan.-Atlas 93f2b; I25f2a-c; Det.S.p.920:

Witt 1333p.23-7f13;

WILLII, Pant.2, p.97; Det.Syll.1.953: (T.Pantocera 11, p.1.)

" v.hexagona, Pant.1p.54-4f37; 2, p.97;

ZONATIUM, Grev.-T.M.S.1334p.34-10f3; Det.S.p.951:

ZONULATIUM, Grev.-T.M.S.1335p.102-9f17; Malaisie;

Atlas 77f34-37:

" forma trigona, A.S., Atlas 11.94f9:

" " *Triangularis, A.S. Atlas 77f33.*

TRIGONIUM.-(Cleve, 1867)

ARCTICUM, (Brbw.)-Cleve 1337p.363; 1373p.3: (Triceratium arc.)-

TRINACRIA.-(Heiberg, 1862)

--, A.S., Atlas 152f23, 29:

ALIAR, Brun.-LeD.Vol.2No.17, p.33-3f11: (Tricerat.)-

ANTIQUA, Pant.3p. -32f456;

ARIES, A.S., Atlas 96f14-13; 150f14, 15; Pant.2p.33; Det.Syll.p.353;

CONIFERA, Grun.1334p.18; Det.S.1.359: (Lundberg?)--

CORONATA, Witt 1335p.35-10f5, 3; Atlas 110f3-10; Pant.2p.33;

Det.S.p.355: (Cleve?)

EXCAVATA, Heiberg p.51-4f9 (London Clay; R.E.C.p.317; J.Q.C.1370p.

101-3f3-9; M.T.C.4-5-3; Atlas 96f3-3; 97f3-10; Grun.1334p.17;

Pant.2p.33; Det.S.p.353;

" v.Archangelskiana, Pantoc.2p.33;

" v.producta, Pant.2p.33; 3p. -13f203; Det.S.p.353;

" v.Simpsoniana, Grun.1334p.13; Witt 1335p.35-10f11; Det.S.1.355;

" v.tetragona, A.S., Atlas 152f23-23;

FRAGILIS, Grun.-Atlas 123f14; Det.Syll.p.359;

GREVILLEI, Witt 1335p.35-12f11; Atlas 96f32; 110f3;

Pant.2p.33; Det.S.p.359;

CRUNOWII, Witt 1335p.35-12f11; Atlas 11.110f5;

Pantoc.2, p.34; Det.Syll.p.359;

HEIBERGERI, Kilton.-J.Q.C.1371p.159-13f5; Det.S.1.355;

Atlas 96f2; 110f1, 2;

HYSTRIX, Pant.3p. -34f437;

INSIDIENS, Witt 1335p.36-10f1; 11f5, 7, 11; 12f2; Pant.2p.34;

Atlas 97f16; 110f11-13; Det.S.p.355;

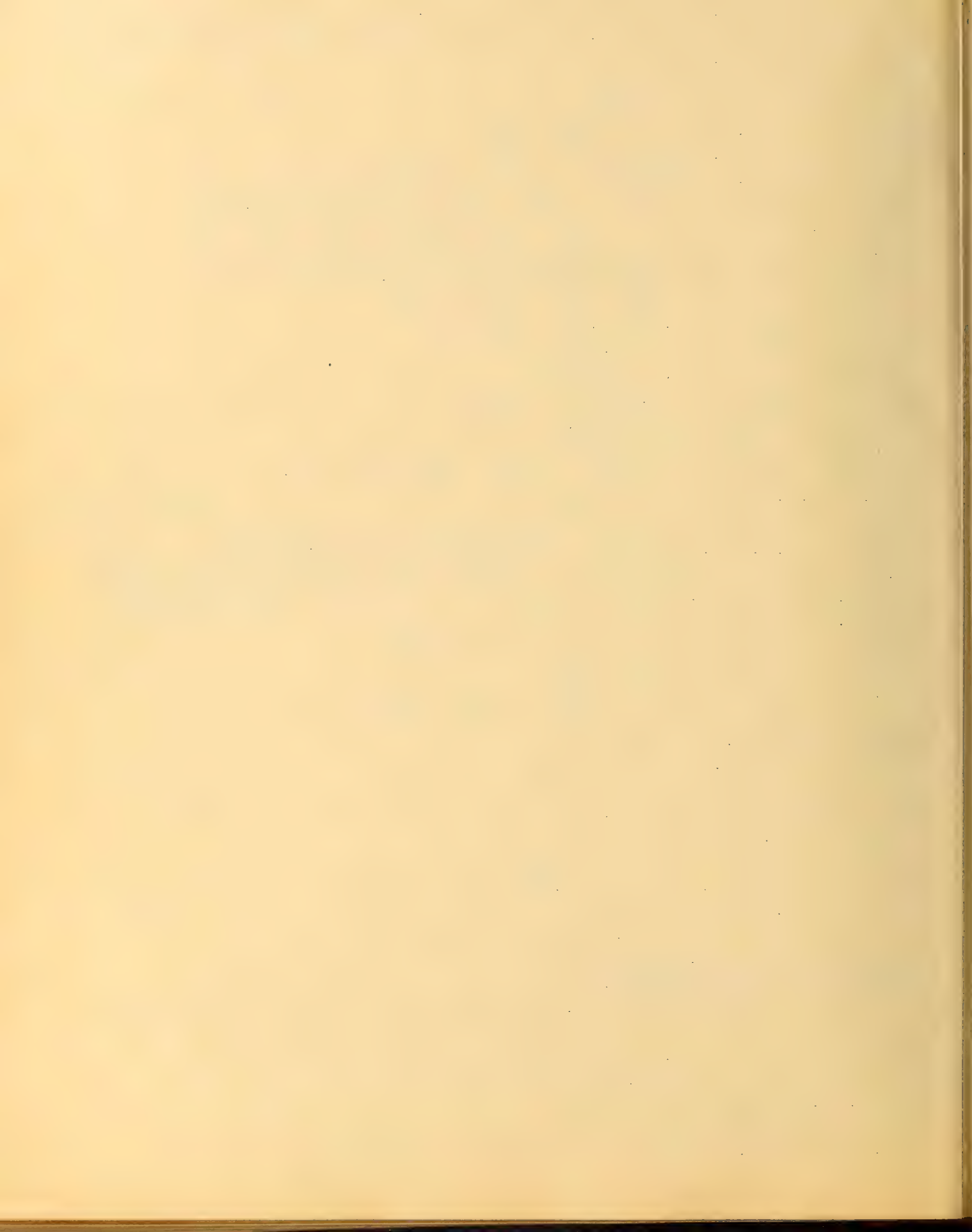
JEREMIAE, Witt 1333p.24-3f12, 13:

(Solium; Triceratium.)---

Am. Mus. Nat. Hist.

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- VITTONIANA, Grin.-Atlas 97f1; Del.Syll.p.353; (T. asibergii, var.)--
 LIGULATA, Grove & Start.-J.Q.C. 1337p.33; Del.S.p.359;-(Tricetatum.)--
 MUELLERI, Partoc.3p. -39f54I; (Ditylium Grovei.)--
 PACIIII, Part.2p.34-19f293; Del.S.p.353;
 PALMIPES, Grin.-Atlas 173f12; (Trie. f. x Samsayi.)--
 PARADOXA, Grin. 1334p.15; Del.S.p.353;
 " v. valida, Grin. 1334p.15-2f53; Del.S.p.353;
 PILEOLUS, Grin. 1334p.68-2f59, 60; Atlas 97f11-15, 17-20; IIIf13, 14;
 Witt 1335p.33-9f15; 10f4; IIIf3, 9; Grin. x 1.1.74; Part.2p.34;
 Del.S.p.357; (Capsula; -Hemiaulus; -Trie.)---
 " v. Josephina, Grin. 1334p.68-2f54; Del.Syll.p.357;
 " v. obtusata, Grin. 1334p.68-2f55; Del.S.p.353; *see p. 287 p. 64*;
 " v. media, Grin. 1334p.68-2f57; Del.S.p.357;
 " v. seticulosa, Grin. 1334p.68;
 " v. tetragona, Grin. 1334p.68; Del.S.p.357;
 PRAECOLENS, Part.3p. -3If447;
 PRAECOLIS, Grin. 1334p.68; Del.S.p.353; (Trie.)--
 " v. perminuta, Grin. 1334p.68;-(Trie. penny)
 " v. Simbirskiana, Grin. 1334p.68;
 PRINCEPS, Witt 1335p.33-10f9; Atlas 110f4; Part.2p.34;
 Del.Syll.p.359; (Capsula.)--
 REGINA, Grin. p.50-317 (LORDON. Clav; R.E.C.1.317; J.Q.C. 1337p.10f-
 2f1-7; J.M.I.D.p.273-27f14; M.T.P.4-5-2; Sp.S.1.7.No.304; B.S.B.1330,
 p.12-1f10, 13; 1335p.152-1f10; 2f33, 37; Atlas 96f3-5; 97f3-5; Grin.
 1334p.63; Ann.Soc. Belg. 1335p.1.2f11, 12; 3f13, 14, 15-16; 4f12; Del.S.p.
 355; J.Q.C. 1336p.303; Witt 1335p.37;
 (Hemiaulus; -Trie. Wittonianum & Solenoceros.)
 " v. obtusa, Witt 1335p.37-1If1; (T. wittii.)
 " v. punctulata, Grin. 1334p.67; Del.S.p.355;
 " v. tetragona, Grin. 1334p.67-2f53; Atlas 152f22; Del.S.p.355;
 RUSSICA, Partoc.3p. -23f419;
 SAMSEYI, Part.2p.34; 3p. -7f103; Del.S.p.353; (T. palmipes.)
 SIMULACROIDES, Part.3p. -23f417;
 SIMULACRUM, Grove & Start.-J.Q.C. 1337p.144-13f43; Atlas 127f14;
 Notar. 1333p.475; Del.S.p.359;
 SPARSA, Part.3p. -25f33I;
 SUBCAPITATA, Grin.-Grin. 1334p.69; Del.Syll.p.353;
 Witt 1333p.24-3f14; 7f20, 24; (Trie.)---
 " v. Stenica, Grin. 1334p.69;
 TSCHESTNOVII, Part.2p.34; 3p. -9f156; Del.S.p.357;
 TUBULOSA, (Hemiaulus.)--
 VENTRICOSA, Grove & Start.-J.Q.C. 1337p.33-5f1-3; 13f47; Notar. 1337p.
 352; Atlas 127f15-17; 159f12, 13; Del.S.p.353; (Capsula.)
 VELUTISSIMA, Part.3p. -30f439;
 WEISSFLOGII, Witt 1335p.37-IIIf2; Atlas 110f4;
 Part.2p.34; Del.Syll.p.353;
 WILLII, A.S., Atlas 96f1; 97f2; Part.2p.34; Del.Syll.p.357;
 (T. regina, var. obtusa.)--



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--, Meneg. A.N.O. p. 431:

(Ailacodiscus.)

ARGUS, E. K. B. p. 133-116; E. K. B. 1840 p. 79:

(Elipodiscus.) ---

GERMANICUS, E. - K. B. 1840 p. 79-316a, b;

(Elipodiscus G. & aff. 10.) -

TROCHISCIA. - (Montagne, 1852)

MONILIFORMIS, Montagne Ann. Sci. Nat. 1857, Vol. 3 p. 349;

(Podosira hormoides.)

TROCHOSIRA. - (Kittum, 1871)

MIRABILIS, Kittum. - J. Q. C. 1871 p. 170-14f3, 9; Det. S. 11. p. 1371;

Atlas 173f55; 180f43;

" var., A. V. I. S. 11. 33(2)f13:

ORNATA, Grun. - V. H. S. pl. 33f15; T. No. 452; Det. S. p. 1371; -(T. spinosa, var.)

SPINOSA, Kittum. - J. Q. C. 1871 p. 170-14f3, 7; Wollé, 67f13, 14;

Atlas 173f56; 180f49; Det. S. p. 1371;

" var., A. V. I. S. 11. 33(2)f14-17:

TROPIDONEIS. - (Cleve, 1891)

CONSERVA, Lewis. - Cleve Navic. p. 23 cum iconibus: - (Amphiprora.) ---

ADRIATICA, Cl. Nav. p. 26-3f22, 23;

ANTARCTICA, Grun. - Cl. Nav. p. 24;

(Stenoneis placida

Amphiprora a. & fragilis; - Navicula Challengeri.) -

APPROXIMATA, Cl. Nav. p. 26-3f20, 21; C. A. M. ENSIS, Cl. Nav. p. 27-3f5-7:

ELMANS, W. S. I. - Cl. Nav. p. 27 cum iconibus;

(Amphiprora.) ---

" v. Adriatica, Grun. - Cl. Nav. p. 27;

(Amphiprora. el., var.) -

" v. Posewitzii, Pant. - Cl. Nav. p. 27:

FUSIFORMIS, K. - Cl. Nav. Vol. 2, p. 53:

(Navicula)

GIBBERULA, Grun. - Cl. Nav. p. 26:

(Plagiotropis.)

JAPONICA, . - Cl. Nav. p. 27;

KINKERIANA, Cl. Navic. p. 26-3f1, 2;

LATA, Cl. Nav. p. 26-3f3, 4;

LEPIDOPTERA, Greg. - Cl. Nav. p. 25 cum iconibus;

(Amphiprora

diadema, indica, l., mediterranea & quaternensis.)

" v. delicatula, Grun. - Cl. Nav. p. 25:

(Amphiprora. del.) -

" v. minor, Cl. Nav. p. 25:

(T. Van derweyckii.) ---

" v. proboscidea, Cl. Nav. p. 25;

" v. Samoensis, Grun. - Cl. Nav. p. 25;

(Amphiprora. S.) ---

LONGA, Cleve Navic. p. 25-3f3; Oestrup 1897 p. 310:

(Amphiprora.) ---

" v. gracilis, Grun. - Cl. Nav. p. 25:

(Amphiprora. elegans, var.) ---

MAXIMA, Greg. - Cl. Nav. p. 26; Oestrup 1897 p. 31

(Amphiprora.) -

" v. decussata, Cl. Nav. p. 26-3f24, 25:

" v. dubia, Cl. & Grun. - Cl. Nav. p. 26;

(Amphiprora. max., var.) -

" v. subulata, Cl. Nav. p. 26:

MEMBRANACEA, Cl. Nav. p. 24:

(Amphiprora.) ---

PROBOSCICEA, ?

(Plagiotropis.)

PUSILLA, Greg. - Cl. Nav. p. 26:

(Amphiprora.) ---

SAMOENSIS, Grun. - Cl. Navic. p. 23:

(Plagiotropis.)

SEMISTRIATA, Grun. - Cl. Nav. p. 27-3f9-II:

(Amphiprora.) -

SERIATA, Cl. Nav. p. 23; LeD. Vol. 2 p. 75-12f2-4:

(Plagiotropis.)

acuminata, *Forstn. D.M. p. 20.*

Constricta, *Forstn. D.M. p. 20.*

TROPIDONEIS. ---

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- RECTA, Greg. - Cl. Nav. p. 23: -(Amphipora; -Amphoropsis; -Plagiostrophia.) ---
 * v. subplicata, Grun. - Cl. Nav. p. 23: (Amphipora, plic., v.)
 SOLIDULA, Cl. Navic. p. 25-2f19-21:
 SUMBAVENSIS, Cleve Navic. p. 26:
 TUMIDA, w. Sm. - Cl., Led. Vol. 2p. 53; (Scoliopterna.)
 VANMEURCKII, Grun. - Cl. Nav. p. 27: Templ. & Par. Type No. 292: -(Plagiostrophia.)
 VITREA, w. Sm. - Cl. Nav. p. 27; (Amphipora. & Plagiost.)
 * v. Mediterranea, Grun. - Cl. Nav. p. 27:
 * v. scaligera, Grun. - Cl. Nav. p. 23: (Plagiostrophia.)
 ZEBRA, Cleve. - Led. Vol. 2p. 75-12f1: Cl. Nav. p. 23: (Plagiost.)

TRUJANIA. - (Pant., 1 Mo.)

- ARCHANGELSKIANA, Pant. Ip. 45-20f173; 2p. III; Atlas I73f6;
 Notar. I33p. 544: Det. Syll. p. I42I:

TRYBUTONELLA. ---

- , Tanarua I379p. 50; Br. Alp. p. 102
 ACUMINATA, Sm. B. D. Ip. 36-10f77; Prit. p. 792-4f37; Grun. I362p. 555; Lewis,
 & R. p. 71; Carr. p. 36; Roper, Thames; Hull; Cl. I363p. 239; R. E. D. p.
 I43; Dippel I370p. 4; Eiben, I371; Sm. Sp. T. No. 605; M. T. P. I-5-2; Lagr.
 I373p. 30; Parag. p. 67; Villef. p. 56: (Nitzschia; -T. angustata.) ---
 ANGUSTATA, Sm. B. D. Ip. 36-30f232; M. J. I354p. 97-4f7; Breb. D. C. p. 22; Rab.
 Alp. No. I54I; Prit. p. 792; Heib. p. II6; Grun. I362p. 554; Schum. I364p. I3;
 New Zealand; Hull; Cl. I363p. 233; Carr. p. 36; R. E. D. p. I43; Dippel I370
 p. 4; Br. Alp. p. I03-4f23; Dannf. p. 33; Gallen, Papan; Petit liste p.
 22; Shark River; Kinnora; Bellec, Lichon; Delogne; Parag. p. 67;
 Villef. p. 56: (Nitzschia; -Synalga plicatula.) ---
 * v. acuminata, Br. Alp. p. I03-4f27: (T. ac.) -
 ANTIQUA, Schumann I362p. I3f22: (Nitz. angustata, var.) ---
 APICULATA, Greg. - M. J. I357p. 79-If43; Breb. D. C. p. 22; Prit. p. 793; R. E. D.
 p. I43; Grun. I362p. 554-12f309; Hull; Schum. I369p. 35-2f3; Dannf. p. 33;
 Eiben, I371; Parag. p. 67; Delogne; (Nitzschia; -T. constricta.) -
 CIRCUMSUTA, Balg. - Ralfs, Prit. p. 792; Carr. p. 36; Cl. & M. No. 43; Lagr.
 I373p. 29; Sm. Sp. T. No. 606; A. J. M. I377p. I5I; Dannf. p. 37;
 Parag. p. 67: (T. scitellum; -Smirella; -Nitzschia.) -
 COARCTATA, Parag. Villef. p. 56: (Nitzschia; -T. plicatula, v.) --
 CONSPICUA, Kitton. - M. M. J. I373p. 207-33f7; (Nitz. microplicata.) ---
 CONSTRICTA, Greg. - M. J. I355p. 39-4f13; Breb. D. C. p. 22; S. B. D. p. 30; Prit.
 p. 793; Grun. I362p. 554; Carr. p. 36; Hull; R. E. D. p. I43; Dany Pol. p. 24;
 Larzi Ostia p. 24; I370p. 5; I371, Balg.; Dannf. p. 33; Carr. p.
 33; Villef. p. 56: (Nitzschia; -T. angustata & scitellum.) -
 CONTRACTA, Schumann I362p. I36-3f20;
 DEBILIS, Arnott. - M. J. I373p. 310; I374p. I36; New Zealand;
 Cl. I360p. 33: (Nitzschia.)
 GRACILIS, w. Sm. B. D. Ip. 35-10f75; Front.; A. M. N. I. I357p. 7-If3; Prit. p.
 793-4f36; Schum. I362p. I35-3f21; I367p. 53; New Zealand; Carr. p. 36;
 Roper, Thames; M. D. p. I361, 32; Hull; R. E. D. p. I43, f49; Sm. Sp. T. No.
 607; M. T. P. I-5-5: (Nitzschia; -Smirella.)

marginata, form. D.M. p. 20:

pellucida,

" var. coarctata, Grün. Perag. p. 56:

" punct. var.

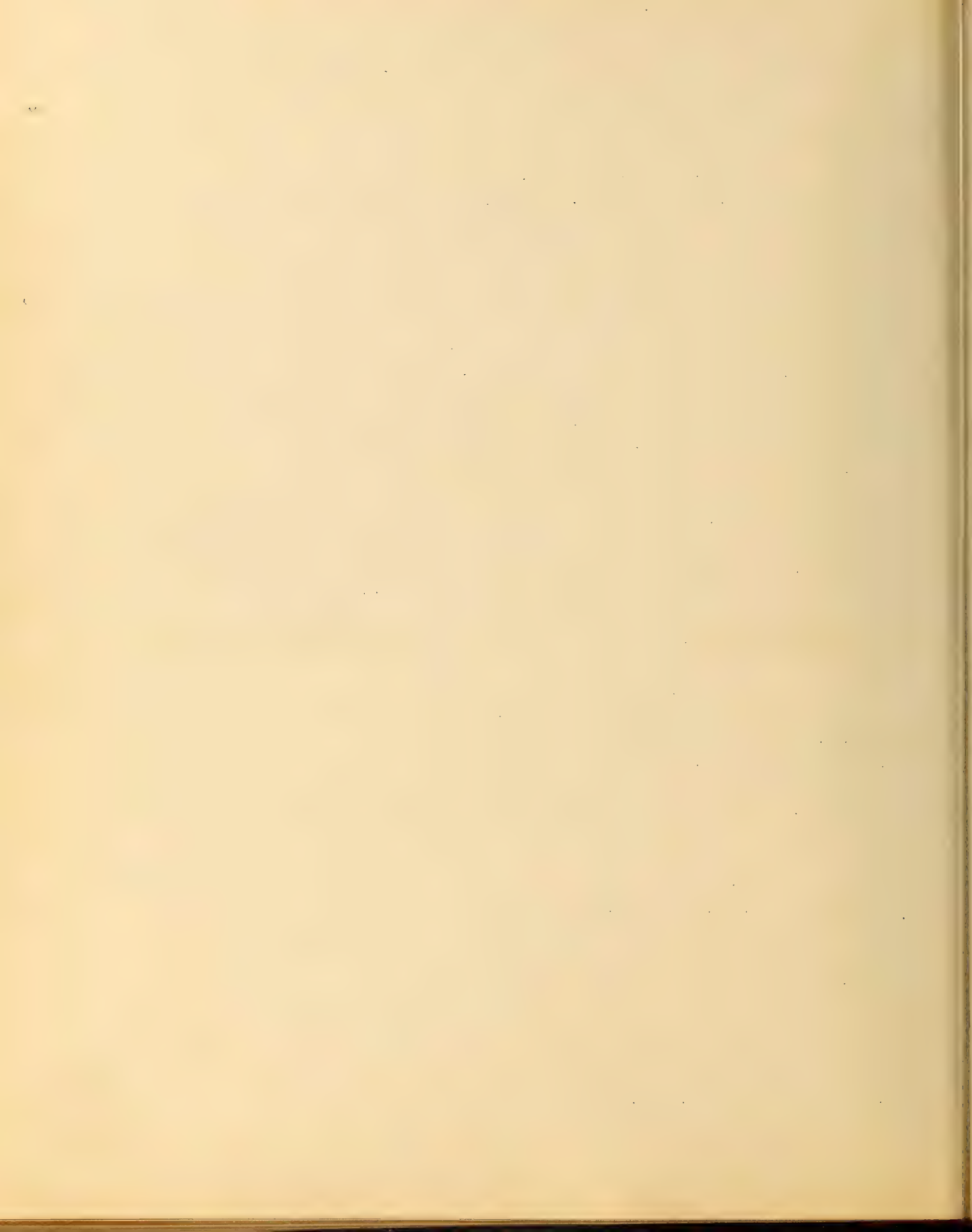
TRYBLIONELLA. --

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- GRANULATA, Cleve 1373p.20; Villef. p.56; (Nitzschia.) --
 MARGINALIA, Grun. 1362p.552-1129; R.E.D. p.147; Petit 1150 p.22;
 M.T.P.I-5-3; Shark River; Delogne; Atlantic City; Gallia, Patag;
 Bellec, Lichon; Patag. p.37; (Nitzschia tryblionella.)
 var., Cl. 1330p.39-5f71; M.T.P.I-5-7;
 HUNGARICA, Grun.-Patag. p.37; (Nitzschia.) ---
 v. linearis, Patag. p.37; (Nitzschia.) ---
 LANCEOLA, Grun.-Cl. 1373p.14-4f25; (Nitzschia.) ---
 LATA, Witt, J.M.G. Vol.2, 1373p.36-3f3; (Nitzschia lanceolata, v.) --
 LEVIDENSIS, Sm. B.D. p.35; Prit. p.793; Breb. Varn. p.9; Carr. p.33;
 R.E.D. p.143; Eiben, 1371: Dannf. p.35; Patag. p.37;
 (Nitzschia tryblionella, var., & l.; -l. minor & Victoriae.) ---
 MARGINATA, Sm. B.D. p.35-10f73; Mill; Grun. 1362p.552; Breb. D.C. p.111;
 Roper, Thales; R.E.D. p.143; M.T.P.I-5-3; Deby Polu. p.41; Malaisie;
 Deby Polu. p.24; Cl. 1373p.26; Villef. p.56; (l. navicularis.) ---
 MINOR, W. Sm.-Catalog British Museum p.14; (l. levidensis.) ---
 NAVICULARIS, Breb.-Prit. p.792; Breb. Varn. p.9; Carr. p.33; R.E.D. p.147;
 Eiben, 1371: Patag. p.37; (Nitzschia; -Sirirella; -l. margin.)
 NEPTUNI, Schumann 1367p.53-1f11; Dannf. p.35;
 (Nitzschia elongata & punctata.) ---
 OVATA, Lagr. 1373p.30-2f26; Reinhard 1374p.21; Delogne;
 PERJANA, Cl. 1373p.14; (Nitzschia elongata.) ---
 PUNCTATA, Sm. B.D. p.35-10f73a; 30f261; Breb. D.C. p.111; Prit. p.793; Reinhard p.113;
 Grun. 1362p.553; Roper, Thales; Lewis, 1367p.71; Carr. p.33;
 Mill; R.E.D. p.143; Gloger, Baltic; Breb. Varn. p.9; Eiben, 1371: Dannf. p.35;
 M.T.P.I-5-1; Schum. 1362p.135-3f22; Cl. 1373p.14; Reinhard; Petit 1150;
 Lagr. 1373p.30; Shark River; Patag. p.37; Bellec; Malaisie;
 Villef. p.56; Fortm. D.M. p.20; (Nitzschia.) ---
 v. constricta, Grun. 1362p.554; Lagr. 1373p.30; R.E.D. p.143;
 v. curta, (abbreviata) Grun. 1362p.554; Cl. 1333p.239;
 R.E.D. p.143; Lagr. 1373p.30;
 v. elongata, Grun. 1362p.554; Villef. p.56-3f27
 SCUTELLUM, Sm. B.D. p.35-10f74; M.D. p.13f30; R.E.D. No.12; Lewis, 1367p.71;
 Mill; Deby Polu. p.24; Atlantic City; Shark River; (Sirirella; -l. (& Nitzschia) acubilis & scutellum.) Fortm. D.M. p.20;
 SAUTERIANA, Wm. S.?
 SOLEIFORMIS, Wm. Sm. MSS.: - (l. constricta.) ---
 SUBSALINA, J.M. - M.S. 1372p.310; a. b.
 VICTORIAE, Grun. 1362p.553-12f34; 1333p.97; R.E.D. p.147;
 R.A. No. 1502; Eiben, 1371; M.T.P.I-5-2; Carr. 1333;
 (Nitzschia tryblionella, var.; -l. levidensis.) ---

TSCHESNOVIA. - (Nitzschia.) ---

- MIRABILIS, Pant. 2p.110-1f10; Del. Syll. p.1425;
 (Ailacodiscus crater & zonitatus.) -
 v. partita, Pant. 2p.110;
 v. polygibba, Pant. 2p.110;



TUBULARIA.----- (Br. n., 1893.) ---

PISTILLARIS, Br. n. - Leq. Vol. 2 No. 17, p. 33-3ff12; No. 21, p. 133:

ULMARIA.--- (V. 102., 1841.) -

A Subgenus of Symplocaria; -

Vide V. B. p. 65; V. S. A. p. 43; Meneghini A. N. D. p. 400: -

ULVA. - (Vaucher,

OLIVACEA, Agarich Flora Darm. taf. 1429: (Meridion verticill.) -

FOETIDA, Vaucher. - Histoire p. 244-17f13; English Bot. taf. 2101:

(Conferva; -Schizonema Dillwynii & Smithii.) -

VANHEURCHIA. - (Pant., 1892) -

ADMIRABILIS, Pantoc. 3p. 7. - If4:

---, Leq. Vol. 2, p. 133:

VANHEURCHIA. - (Breb., 1868:

AMBIGUA, Breb. V. H. p. 206: V. 1. S. p. 2f12; (Navicula.) ---

" var. craticula, Breb. V. H. p. 206:

CRASSINERVA, Breb. V. H. p. 204; J. R. M. S. 1890 p. 103-2f7, 3: V. 1. Type

No. 132: Trian 1835 p. 46-2f2; Carp. 1891, pl. 11f9: (Fristulia

Saxonica, torfacea & rh.; -Navicula; -Nav. & Vant. rhomboides, v.) ---

CUSPIDATA, Breb. V. H. p. 205: (Navicula.)

" var. ^{crat.} Breb. V. H. p. 205: (Smirella craticula.) -

LEWISIANA, Breb. V. H. p. 202: (Frist.; -Navic.)

RHOMBOIDES, Breb. V. H. p. 204; Cl. 1831 p. 5: V. 1. S. p. 15, 112-17f1, 2: 1.

No. 130; Trian 1835 p. 46-2f1: (Fristulia; -Navic.; -Vant. crassinervis.) --

) --

" v. crassinervis, Cl. 1831 p. 5: V. 1. S. p. 112-17f4, 5;

(Frist. rh., var. Saxonica; -Navicula & Vant. cras.) --

" v. gracilis, Cl. n. - V. 1. Type No. 131:

STYRIACA, Cl. n. - V. 1. S. p. 17f7, 8: (Frist.; -Navic.) -

VIRIDULA, Breb. V. H. p. 202-1f1-4; Manoury 1870 p. 2f6;

V. 1. S. p. 112: T. No. 133: Collettonema; -Frist.; -Schizonema.) --

VULGARIS, Thwaites. - V. 1. S. p. 112: Type No. 134;

8.5

(Collettonema; -Fristulia; -Schizonema.) --

VESICULIFERA. - (Hass.

COMPOSITA, Hassall-A. M. N. 1. Vol. 10, p. 394:

(Melosira varians.) 10

VIBRIO. - (Müller, 17

HALX, Brugiere Tableau Methodique:

BIPUNCTATUM, Müller, Animal Infus. p. 52-7f11: (C

INTERMEDIA, Brug. Tableau Meth.;

PARTIUM, Müller, Br. 1831, p. 103-11f10-20; 11f11-11f12:

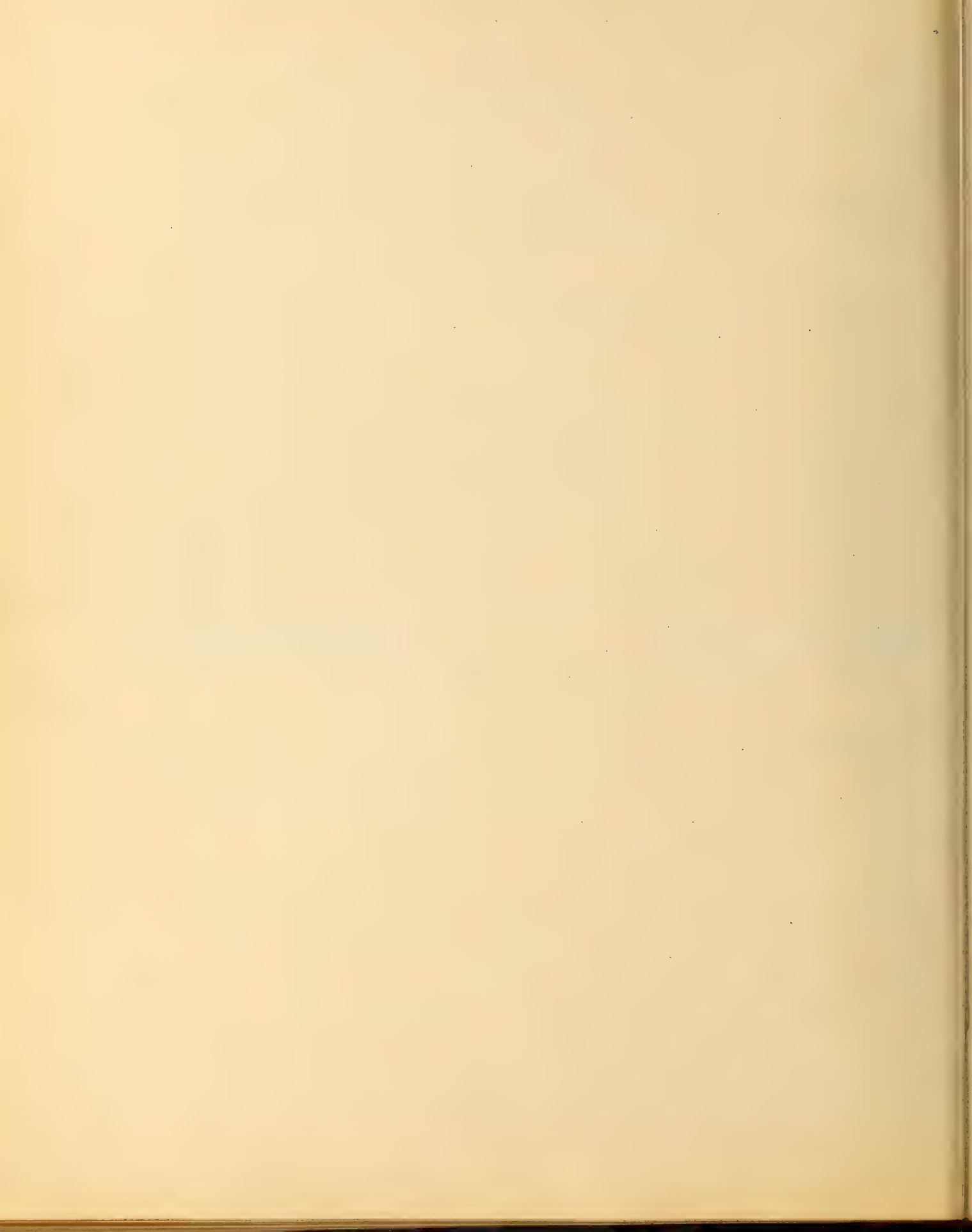
Contrib. to Dan. Fl. 1883
vol. 2 p. 277:

p. 54-7f13-7: Heib. p. 12: (Bacillaria & Nitzschia paradoxo; -Navicula.) -

TRIPUNCTATUM, Müller, Animal Infus. p. 52-7f12: (C

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Heib. p. 12: Contrib. to Dan. Fl. 1883 vol. 3 p. 29:



PYRARIA, Roessel.-Müller, Animal Infus. p. 324-46ff I-4 (1786): --Müller,
Verm. Vol. I, p. 126 (1773): (Comphonema & Echinella geminata.) --- / - 0
Ag. Cons. p. 26:

WILLAMOESTA. -

--, Castr. I. 337 p. 165-3f3, 3a, b: (Coscinodiscus humilis.) --- / - 0

WITIA. -- (Pantocsek, 1889.) -

INSIGNIS, Pant. 21. II 0-7ff 123: Del. Syll. p. 1395: (Lepidodiscus.) --- / - 0

WRIGTHIA. --

Genus novam, of O'Meara: -- Vid. M. J. 13371. 295: --

XANTHOPYXIS. --

ACULEATA, E. - Mik. pl. 13ff 124; Prit. p. 327; Del. Syll. p. 1156;

(Pyxidicula; -Stephanopyxis.) -

ALATA, E. - Abh. Ber. 1344 p. 273; Prit. p. 327; Del. S. p. 1155: (Pyxidicula.) --

CINGULATA, E. - Mik. pl. 33-17ff 13; Woll. 32f 27; Pant. 2 p. 76:

Del. Syll. p. 1156;

CONSTRICTA, E. - Abh. Ber. 1344 p. 273; Prit. p. 327; J. Q. C. 13371. 71:

Del. S. p. 1155;

(Pyxid.) --

GLOBOSA, E. - Abh. B. 1343 p. 273; Prit. p. 327; Del. S. p. 1155:

(Pyxid.) -

HIRSUTA, [E.] - Ralfs, Prit. p. 327; Del. S. p. 1155;

(Pyxid.) ---

OBLONGA, E. - Abh. B. 1344 p. 273; Mik. pl. 33-17ff 17; A. J. S. 13451.

327-4ff 14; Prit. p. 327; 5ff 7; J. Q. C. 13351. 175-18ff 13; 13371. 71:

Pant. 21. 76: Del. S. p. 1156:

(Pyxid.) -

PANDURIFORMIS, Pant. Ip. 43-29f 297; Notul. 1333 p. 544:

Pant. 2, p. 76: Del. S. p. 1155;

SPINULO-RADIATA, Brn. - Del. Syll. p. 1156:

(Pyxid.) -

UMBONATA, Grev. - T. M. S. 1363 p. 2-1f 5; Brn. & T. p. 74; Del. S. p. 1156;

Woll. pls. 74ff 16; 34ff 10:

URCEOLARIS, E. - Abh. Ber. 13451. 81; Mik. pl. 33-16ff 14; Prit. p. 327;

Del. Syll. p. 1156;

(Pyxidicula.) / - 0

ZYGOCEROS. -

--, Vgl. A. N. C. 1. 436:

ANTIQUUS, Pant. 3 p. 125f 377: Del. Syll. p. 366: (Sketetonema stylifera.) ---

" v. interrupta, Pant. 3 p. 125f 391:

AUSTRALIS, E. - Abh. Ber. 1344 p. 205; V. S. A. p. 139; Prit. p. 350:

Del. S. p. 333:

(Tetrasinae ?) -

BALAENA, E. - Abh. B. 1353 p. 529; Mik. pl. 35A-26ff 17; M. J. 1359 p. 101-

9ff 15; Cl. Nares; 1357 p. 52; 1353 p. 215; 1373 p. 11; S. A. 1357 p. 101:

Cl. & M. No. 5: Del. S. p. 337:

(Biddulphia; -Z. radiatus.) -

BIPONS, E. - Vred. 1346 p. 273; A. J. S. 1345 p. 329-4f 24; V. S. A. p. 139;

Prit. p. 350; Del. S. p. 333:

(Lemnalia.) ---

CIRCINUS, Bailey M. S. p. 11, f 19, 20; Prit. p. 350; V. S. A. p. 105ff 10;

Woll. 64ff 11; Pant. Ip. 26f 244; 2, p. 34; Del. S. p. 337:

" v. trapezoidalis, Brn. & T. p. 74:

- EMERSONI, Bailey.-A.J.S. 1343p. 139; Del. S. p. 333:-(Emersonia algaris.)--
 HEMIROPUS, Bailey.-B.C.N. 1. 1351p. 344-2f71-73; Del. S. p. 333:-(Biddul.)-
 MARGARITACEUS, Bailey & Harvey p. 179-9f31; Del. Syll. p. 333:
 HUNGARICUS, Pant. 3p. -13f207; Del. S. p. 333:
 MORILIENSIS, Bailey M.O. p. 40-2f34, 35; Prit. 1352p. 450; 1351p.
 350-3fII; Del. S. p. 333: (Biddulphia Baileyi & M.)
 NAVICULA, E.-Abh. Ber. 1342p. 235; Mik. p. 1. 19f22; Prit. p. 350:
 (Hemiallus; -Rhabdonema.)
 OCCIDENTALIS, E.W.B.-B.C.N. 1. 1351p. 340-2f33-33;
 Wille, p. 340 II; Del. S. p. 333:
 PARADOXUS, E.-Mik. p. 1. 22f54; Prit. p. 350; Del. S. p. 333:
 (Hemiallus; -Sirella.)-
 PELAGICUS, Cl., Kattegat 1339p. 2 cum icones: Notar. 1339p. 197:
 Hist. Nat. 139p. 13; Del. S. p. 337:
 RADRICORUS, Cinn.-V. 1. S. p. 1. 13515-7; Pant. 1p. -20f23, 2, 1. 34:
 Wille, 34f3, 9; Del. S. p. 337:
 RADIATUS, Bailey N.S. 1. II, f29; Prit. p. 350:
 (Biddul. rhombus; -Hemiallus; -Z. Balanus.)
 RETICULATUS, E.-Mik. p. 206; Del. Syll. p. 333:
 RHOMBOIDES, E.-Abh. Ber. 1372 p. 6-2f5:
 RHOMBUS, E.-Kleid. 1340p. 30-4fII; W.B. 1. 133-13f9; W.S.A. 1. 139; A.J.S.
 Vol. 45p. 133, f10, II; Prit. 1352p. 450; 1351p. 350; M.O. 1354p. 75-3f5;
 Weiss 1354p. 247, f11; E.C. 1. 14f13; R.C. 1. 14f13, 14f14; Del. S. p. 333:
 (Biddulphia; -Denticella; -Emersonia antiqua; -Quontella.)----
 SICULUS, E.-Abh. Ber. 1344p. 273; Mik. p. 1. 22f53a, b;
 Prit. p. 350; Del. S. p. 339: (Sirella)~
 SIGMOIDES, E.-Abh. Ber. 1372p. 214, pl. 6-2f3; Del. S. p. 333:
 STYLIGER, E.-Kleid. 1344p. 273; W.S.A. 1. 139; Prit. p. 350:
 Del. S. p. 333: (Hemiallus.)---
 SURIPIA, E.-Kleid. 1340p. 80-4f12; W.B. 1. 133-13f2; W.S.A. 1. 139;
 Eren. D.C. 1. ; M.O. 1354p. 75-3fII, 12; Prit. p. 350-11f80, 81;
 Del. Syll. p. 333: (Biddulphia; -Dimerograna.)--
 THOMBY, Bailey.-A.J.S. 1343p. 139; Vol. 45p. 133-3f3-9; Weiss 1354p. 247, f11;
 Phys. Jour. 1343p. 1. 9f3, 5, 8; Memoirs Manchester Phil. Soc. 1343p. 1. If I;
 Prit. p. 350-3fII; Del. Syll. p. 333:-(Biddul. regina, rhombus & T.)
 WEISSBLOGII, Pantoc. 1p. 49-29f290; Notar. 1333p. 544; Del. Syll. p. 337.-----

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FINIS.-

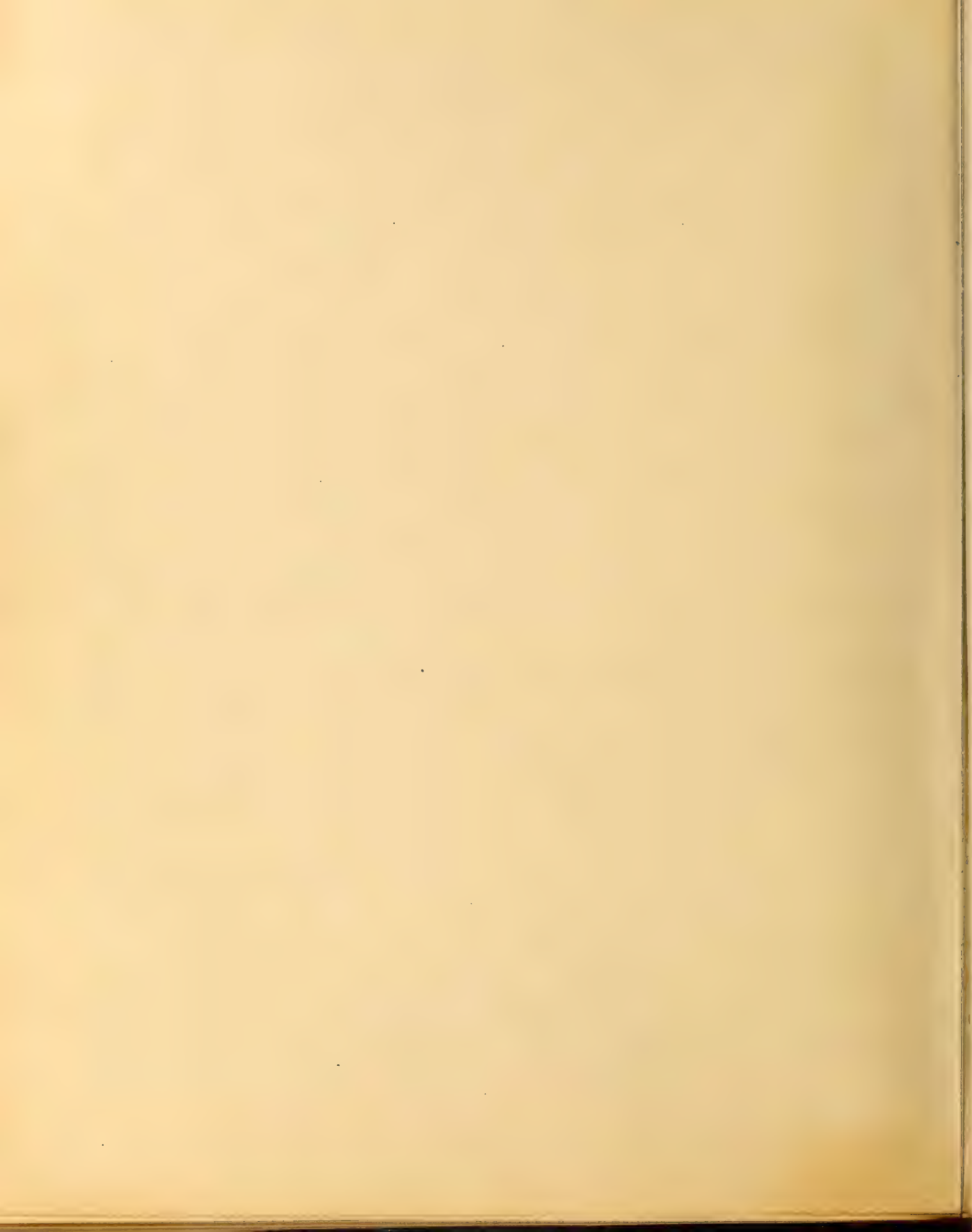
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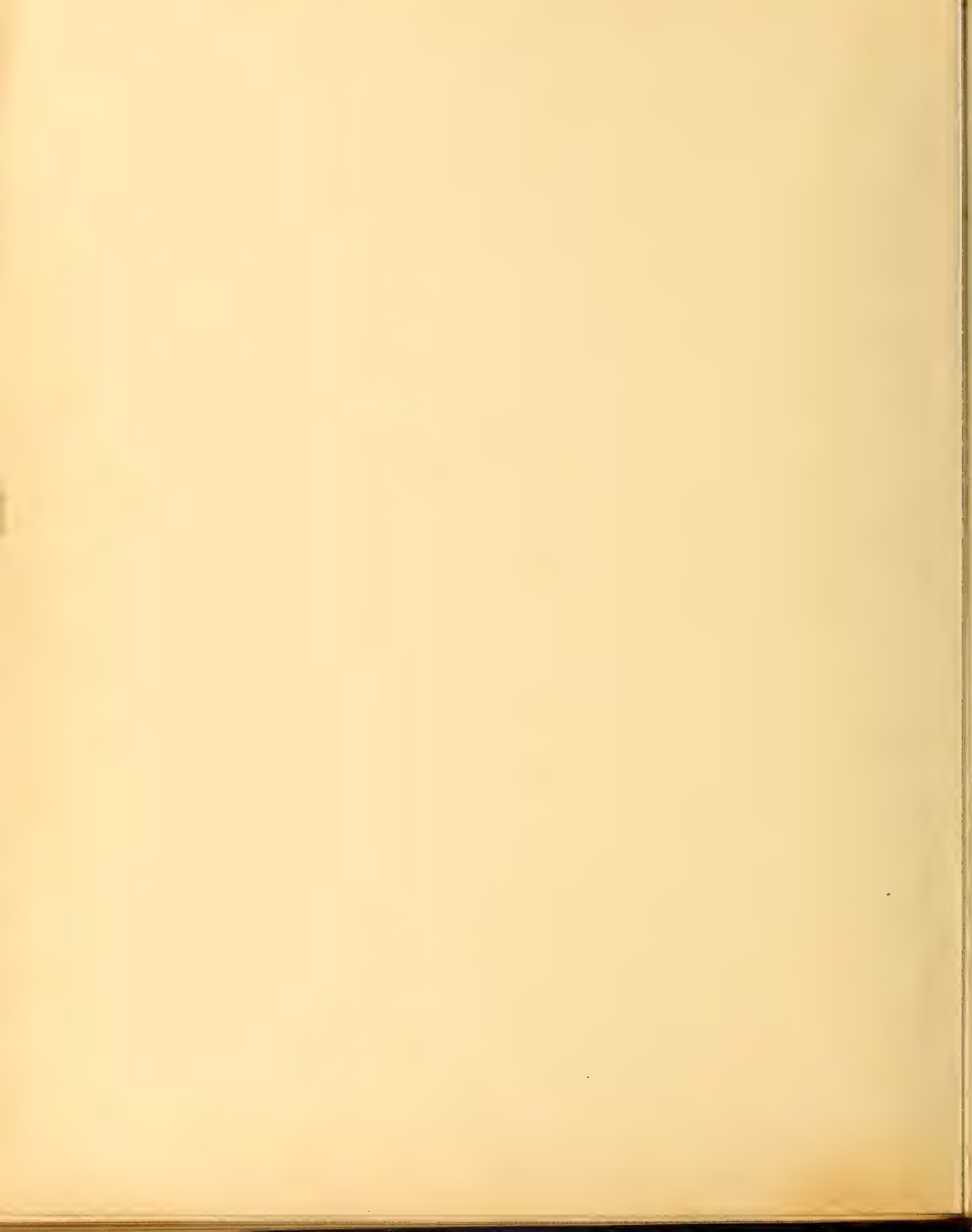
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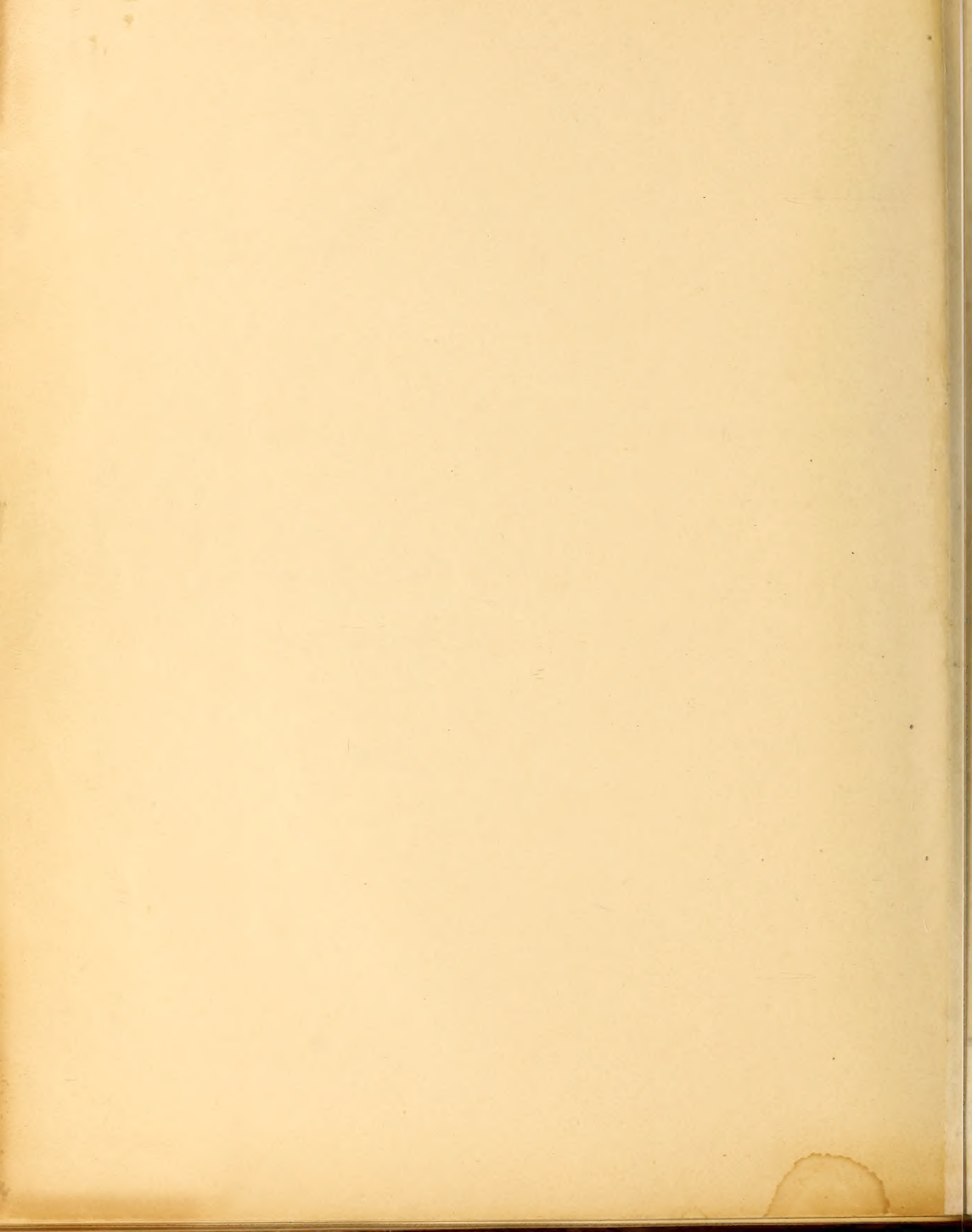
Species. ---


1397.

Trachysphaeriaceae - Det. S. p. 644: P. II
Xanthiopyxidaceae - " p. 1136: P. I
Thamnidaceae - " p. 1076: P. I







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